



Explosive Lean Muscle Growth with Research-Proven Science!

If you want to speed up lean muscle growth, get this one fact straight: Insulin is the most Anabolic (muscle building) of all hormones. In fact, insulin triggers more lean muscle growth than Anabolic Steroids or Growth Hormone!

Consequently, the goal of sugar-free SyntheSize is to promote massive increases in insulin without the use of high glycemic index carbohydrates and thus, prevent insulin resistance. Therefore, SyntheSize® provides a carbohydrate free approach utilizing research-proven compounds to boost insulin that have no adverse effect on blood sugar. This method keeps the body highly sensitive and responsive to insulin resulting in greater lean muscle growth and destruction of fat tissue. Efficient insulin metabolism also allows you to continually access stored body fat to use as energy. The end result of this "Zero Impact® Diet Strategy" is a ripped and muscular physique!

Making Carbohydrates Obsolete

In assembling the pieces of the scientific puzzle, SyntheSize® was formulated to mimic the insulin response generated by high glycemic (high GI) carbs (i.e. sugar) to activate beta-cells and stimulate whole body creatine retention! One of the solutions was to use bis-Picolinate Oxo-Vanadium (BPOV) which is a potent form of chemically altered Vanadium that makes beta-cells super responsive to insulin. Additionally, Beta-Alanine was employed to stimulate research-proven whole-body creatine retention! In fact, these two compounds are far more effective than sugar-laden "N.O." supplements without the unwanted carb-induced side effects - water retention, bloating, and an increase in body fat. You train intensely to get lean, hard, and pumped with crisp, water-free muscle separation, and this is where sugar free SyntheSize® out-performs the competition!

Research has proven that the cutting-edge compounds contained in the Shotgun®/SyntheSize® Stack work synergistically to effectively stimulate insulin secretion. VPX scientists used a carb-free approach to achieve greater receptiveness of the beta-cells by taking advantage of the efficient insulin spiking abilities of protein hydrolysates and the potent anabolic amino acid, L-Leucine. When post-exercise insulin is increased in the presence of protein hydrolysates and leucine, massive amounts of muscle building amino acids flood the blood resulting in significant net protein being deposited into muscle. Finally, the ingestion of creatine in conjunction with proteins and high-GI carbs is no longer required to stimulate whole-body creatine retention! The Shotgun®/SyntheSize® Stack re-wrote cutting edge carb-free muscle science.

Owoc's Research-Proven 7-Compound-Protocol to Ignite Synthesis of Lean Muscle

1) Whey and Casein Protein Hydrolysates: these extraordinary proteins increase insulin production by 110% greater than carbs alone and increase glycogen synthesis by 35%. Whey and Casein Protein Hydrolysates are far superior to intact proteins such as whey, casein and egg for promoting nitrogen utilization and muscle growth. The powerful lean muscle building effect occurs after consuming Protein Hydrolysates prior to, during and after training. These specialized peptides dump into the blood rapidly causing super high blood levels of amino acids and increased production of the powerful anabolic hormone, insulin. These two physiological events result in a potent anabolic (muscle building) response in the body. Shotgun® and SyntheSize® both contain copious amounts of Whey and Casein Protein Hydrolysates. These

potent protein fractions are comprised of 22% Glutamine Peptide, 41% total peptide bonded Essential Amino Acids (EAA's) and 21% peptide bonded BCAA's (Branched Chain Amino Acids)! This is important because muscle consists of 78% glutamine while BCAA's and EAA's are the most potent research-proven muscle building amino acids.

2) L-Leucine intermixed with Protein Hydrolysates has an even greater effect on insulin production and muscle growth than Protein Hydrolysates alone. Shotgun® and SyntheSize® are rich in added free form L-Leucine and Leucine Peptides.

3) Cutting Edge High Tech Creatines: It is well documented in research that insulin transports Creatine into muscle tissue. Further, Creatine combined with protein increases creatine retention within the muscle cell and results in increased lean muscle mass. More insulin means more creatine = greater muscle mass, quicker recovery and increased strength! Shotgun® and SyntheSize® contain the most anabolic proteins known to man and several cutting edge high tech Creatines, such as Creatinol-O-Phosphate & Di-Na Creatine Phosphate Tetrahydrate, that all exert specialized effects in promoting lean muscle growth, strength and ATP Resynthesis!

4) Beta-Alanine radically improves whole body Creatine retention and muscle Carnosine, consequently, vastly improving strength, repetition capability, endurance and lean muscle growth. The synergy of intermixing Protein Hydrolysates, Leucine, Creatine and Beta-Alanine along with resistance training results in explosive muscle growth! Beta-Alanine is so powerful you can actually feel it working within seconds because of the unique parasalsys action of the muscles and skin.

5) BPOV (bis-Picolinate Oxo-Vanadium) increases the beta cell's sensitivity and responsiveness to insulin. This is hugely important because the kinetics and dynamics of insulin dictate that it is not how much you produce, but more importantly, how "insulin responsive" or efficient your body utilizes insulin to shuttle Creatine, Beta-alanine, Leucine and other muscle energetic compounds into the muscle cell to manufacture more lean muscle. Sixty-seven percent (67%) of Americans are insulin resistant to some degree. If you have any degree of insulin resistance, your ability to use insulin is compromised. Therefore, it doesn't really matter how much insulin your body releases because you are "resistant" to insulin's ability to build muscle (anabolism). Less overall carbohydrate consumption (glycemic load) and elimination of high glycemic index dietary carbs along with higher protein intake, BPOV supplementation and increasing muscle mass via resistance training are all factors that increase insulin sensitivity and utilization.

6) N.O.+ Pumping Agents: Finally, we added some radical new compounds to induce a serious Nitric Oxide Pump. The Nitric Oxide Releasing Factor, GBBEE (Gamma-Butyrobetaine Ethyl Ester) was combined along with the most powerful NO-inducing-Arginine known to science called, ALCA™ (Acetyl-L-Carnitine Arginine HCl) - making all other forms of Arginine obsolete. Nitric Oxide (N.O.) is the mother of all compounds at filling the muscle (and other body parts) with nutrient dense, blood engorged hard dense pumps!

7) Spiking the Pump even further, "MTB Pump™" (Magnesium Tashinoate B) was combined with the powerful compound BPOV noted for insulin-induced pumps and muscle fullness. And, of course, all of these cutting edge nutrients and compounds work in concert to set off a biochemical chain of events that aid in rapid muscle recuperation.

NEW
COP
Creatinol-O-Phosphate & Di-Na Creatine Phosphate Tetrahydrate



NO SYNTHESIZE
Stimulant Free



644g (1.42 lbs.)
DIETARY SUPPLEMENT



SUPPLEMENT FACTS

Serving Size: ~23g (1 Scoop) Servings per container: 28
Calories: ~82 Amount per Serving %DV*

Total Fat	0	0%
Carbohydrates	0g	0%
Sodium	65 mgs	2.6%
Protein	20g	40%

Protein Hydrolysate Matrix Yielding 22% Glutamine Peptide, 21% BCAA Peptide, & 41% EAA's 9,712mg**

Casein Protein Hydrolysate	Whey Protein Hydrolysate	Whey Protein Isolate
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Branched Chain Ethyl Ester Amino Acid Matrix (Naturally Occurring and Added 12,350 mg)

L-Leucine, L-Valine, L-Isoleucine	L-Phenylalanine
L-2-Aminopentanoic Acid (L-nor-Valine)	L-Threonine
L-Leucine Ethyl Ester	L-Histidine
L-Valine Ethyl Ester	L-Isoleucine Ethyl Ester
L-Lysine	L-Methionine

Proprietary Muscle Volumizing, NO2, Insulinotropic 9,352mg**

Creatine Taurinate	Citrulline Malate
Creatine Gluconate	Gamma-Butyrobetaine Ethyl Ester
CEX® (Creatine Ethyl Ester HCl)	MTB Pump (Magnesium Tashinoate B)
Beta-Alanine	Bis Picolinate Oxo Vanadium (BPOV)
Di-L-Arginine Malate	Beta-Alanine Ethyl Ester
COP™ (Creatinol-O-Phosphate)	Di-Na Creatine Phosphate Tetrahydrate
Creatine Magnesium Chelate	Phosphates
Creatine Monohydrate	Folate (as Folic Acid) ~100%
	Gamma-Butyrobetaine

* Percent Daily Values are based on a 2,000 calorie diet.
** Daily Value not established.

OTHER INGREDIENTS: Natural & Artificial Flavors, Malic Acid, Monosodium Phosphate Anhydrous, Trisodium Phosphate Dodecahydrate, Sucralean® Brand Sucralose (A Non-Nutritive Sweetener) and Citric Acid Anhydrous.

RECOMMENDED USE: Mix one scoop of **N.O. SYNTHESIZE®** with 8 to 10 ounces of water or your favorite beverage. **N.O. SYNTHESIZE®** can be used as a stand alone product or stacked together along with **N.O. SHOTGUN v.3®** prior to any type of athletic event or resistance training. Consume **N.O. SYNTHESIZE®** during and after training. Other (Nitric Oxide) supplements may require several scoops; however, **N.O. SYNTHESIZE®** is extremely powerful and requires only one scoop. The **N.O. SYNTHESIZE®/N.O. SHOTGUN v.3®** supplement strategy should always be utilized 30 minutes prior to, during and after resistance training. The **N.O. SHOTGUN v.3®** and **N.O. SYNTHESIZE®** supplement strategy represents the most advanced and latest research on muscle growth and athletic performance.

Caution: As with all dietary supplements, do not use this product if you are pregnant or nursing or have a medical condition. This product contains caffeine and should not be used with any other caffeine and/or stimulant containing products. This product is intended for use by healthy individuals only.

Muscle energetic compounds within SyntheSize® may cause a tingling sensation in lips and skin. Contains No Nitron.

Drink an additional one half (1/2) ounce of water for each pound of body weight.

Phenylketonurics: Contains Phenylalanine.



STORE IN A COOL, DRY PLACE.
CONTENTS SOLD BY WEIGHT NOT VOLUME:
SOME SETTLING MAY OCCUR.



PROTECT FROM HEAT, LIGHT AND MOISTURE.
DO NOT PURCHASE IF SAFETY SEAL IS BROKEN
OR MISSING. STORE AT 15-30°C (59-86°F)



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*When combined with resistance training and a sensible diet.
*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

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BEST BY DATE ON BOTTOM

