Stimulant-Free Pre-Workout Powerhouse!

triTOR™ is a premier stimulant-free pre-workout formula using the highest quality ingredients based on published science designed to significantly improve workout performance.

triTOR™s full spectrum formula works on multiple levels to specifically:

- Activates the bodies metabolic and physiological systems for overall improved workout performance.†
- Promotes muscle protein synthesis and prevents muscle protein breakdown through mTOR signaling pathways.†
- Provides nitric oxide enhancers for optimal vasodilation delivering oxygen and essential fuel and nutrients to muscles.†
- Designed to enhance hydration and promote recovery.†
- Promotes the subjective feeling of well-being for overall workout enjoyment.†
- Promotes stamina, mental focus and delays fatigue.†

triTOR™ contains 10 carefully selected clean active ingredients based on published scientific studies to provide the best workout ever. triTOR™ is driven by several patented and branded ingredients to deliver a powerful and satisfying “mind-muscle” workout experience along with effective recovery including Beta-Alanine (as CarnoSyn®), Sustamine® (L-Alanyl-L-Glutamine) and BioPerine® in addition to the Branched-Chain Amino Acids (L-Leucine, L-Valine, and L-Isoleucine), Creatine Monohydrate, Betaine Hydrochloride (HCl), Beet Root Powder, and Glucuronolactone.

The BCAAs (L-Leucine, L-Valine and L-Isoleucine) serve as important fuel sources for muscles during periods of exercise. The BCAAs improve protein and nitrogen balance in muscles during exercise. The BCAAs, particularly leucine, have powerful anabolic effects on protein metabolism by increasing the rate of muscle protein synthesis (MPS) and decreasing the rate of muscle protein breakdown (MPB) in humans. The BCAAs preserve muscle glycogen reserves and overall have an anti-catabolic effect.†

Beta-Alanine (as CarnoSyn®) is the only patented and scientifically proven form of beta-alanine for human performance. Licensed under National Alternatives International, Inc. global estate, it has 24 global patents and supported by over 55 scientific studies proving it builds better muscles in a wide range of athletes. Biochemically, beta-alanine makes carnosine in human muscles and the availability of beta-alanine is the rate limiting step. Concentrated in the “fast-switch” (Type II) fibers of muscles, carnosine functions as a powerful antioxidant and increases the pH and buffering capacity in muscles as a result from the accumulation of lactic acid and the subsequent release of hydrogen ions (H+) during high intensity exercise. Intramuscular acidosi has been attributed to be one of the primary causes of fatigue during intense exercise. Beta-Alanine (as CarnoSyn®) has shown to increase muscle carnosine by 80% resulting in increases in muscle strength, decreases in acidosis, improvements in muscle endurance, delays fatigue during workouts, supports nitric oxide (NO) production and improves overall workout performance.†

Creatine plays a vital role in energy production by recycling ATP (adenosine triphosphate) in muscles. ATP is the body’s major molecule that produces “explosive” chemical energy within cells and is also known as “molecular currency” since it transfers energy within all cells of the body. Approximately 95% of the total body pool of creatine is found in muscles and the source of energy for all cellular functions including muscle contraction, DNA synthesis and protein synthesis. Creatine supplementation appears to facilitate muscle creatine phosphocreatine (PCr) resynthesis during the recovery phase following maximal exercise. Creatine phosphocreatine (PCr) prevents the rapid depletion of ATP in the muscle by providing readily available high-energy phosphate which is used to generate ATP from ADP (adenosine diphosphate). Phosphocreatine is predominantly used in Type II (fast twitch) fibers and is the major fuel source for high intensity exercise. Many published studies indicate that creatine supplementation increases total body mass. The increase in body weight has been theorized to be the result of creatine-stimulated water retention and protein synthesis.†

† 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.
BioPerine® is a registered trademark and patented product of Sabinsa, Inc.

thermogenic activity.† BioPerine® is a patented standardized fruit extract of black pepper (Piper nigrum L) and contains 95% piperine. This substance increases the bioavailability of nutrients across the intestinal tract and helps speed up recovery time.†

Glucuronolactone promotes well-being, energy, mood, focus and helps speed up recovery time.†

Betaine HCl is a methyl derivative of the amino acid L-Glycine. Numerous published studies have shown that Betaine HCl helps resolve this. Taking inorganic nitrate supplements can cause a red or orange flush and most people are not bothered by this effect. Drinking water can help minimize this sensation. Reducing the serving size or adding more water may also help resolve this.

Consult a physician before starting any diet or exercise program or if you have a medical condition. Discontinue use and call a physician or licensed health professional immediately if you experience unexpected side effects. If taking prescription medications, consult a licensed health care professional prior to use. Stay well hydrated throughout the day by drinking at least 2 liters of water daily when using this product. Consult a physician immediately if you experience unexpected side effects. If taking prescription medications, consult a licensed health care professional prior to use. Stay well hydrated throughout the day by drinking at least 2 liters of water daily when using this product.

Sustamine® from Kyowa Hakko Bio Co., Ltd is a clinically tested sports performance ingredient that combines the beneficial amino acids L-Alanine and L-Glutamine. Sustamine® promotes rehydration, replenishment and recovery.†

Beet Root Powder contains a large amount of inorganic nitrate, as the main bioactive for cardiovascular and endurance exercise. Beet Root Powder improves circulation enhancing oxygen and fuel delivery to exercising muscles, improves energy efficiency and promotes strength and stamina for resistance and endurance exercise.†

Glucuronolactone promotes well-being, energy, mood, focus and helps speed up recovery time.†

BioPerine® optimizes the intestinal absorption, bioavailability and effectiveness of nutrients. BioPerine® also enhances the body’s natural thermogenic activity.†

### KEY REFERENCES


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