



## ELITE MTOR-ACTIVATING BCAA RECOVERY MATRIX

### DESCRIPTION

mTOR PRO™ is premium, all-inclusive branched-chain amino (BCAA) and essential amino acid (EAA) supplement developed through years of clinical testing and scientific study. BCAA supplements are designed to maintain muscle tissue, while EAAs assist in cell and tissue repair. Together, these amino acids provide all-around benefits aimed at recovery and repairing muscle tissue, along with improved endurance, stamina, performance and hydration. mTOR Pro utilizes professional strength, pharmaceutical grade ingredients that have gone through rigorous studies and trials to deliver superior results.

### HOW IT WORKS

mTOR PRO™ is an active mTOR signaler. mTOR, short for mechanistic target of rapamycin, is an enzyme that is encoded into human genes. It interacts with other proteins and becomes a core component of mTOR complex 1 and complex 2, two unique protein complexes. When your body signals mTOR, it triggers cells for division, growth and repair. This translates to increased muscle growth and energy production, along with certain cognitive benefits. mTOR PRO™ is also an effective BCAA supplement. Branched-chain amino acids comprise isoleucine, leucine and valine. Supplementing these amino acids can promote the synthesis of muscle proteins to encourage greater muscle growth, particularly in those athletes who aren't taking enough protein into their diets. In beginner athletes, branched chain amino acid supplements can also improve endurance and prevent fatigue.

**BUILD LEAN  
MUSCLE**



**SUPERIOR  
MUSCLE  
RECOVERY**



**INCREASE  
ENDURANCE**



**ENHANCE  
MUSCLE  
HYDRATION**



**ENHANCE  
AMINO ACID  
ABSORPTION**



# mTOR PRO™

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### THE INGREDIENTS IN mTOR PRO

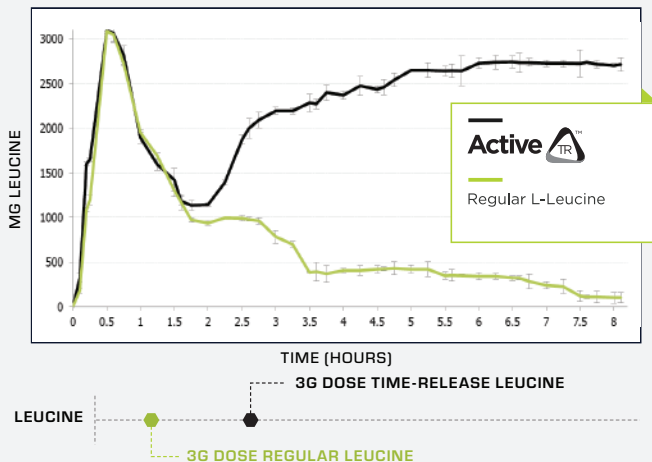
The components in mTOR PRO™ feature complementary effects to enhance recovery and performance. Some of the key active ingredients in mTOR PRO™ include:

#### 5.0 MG | INSTANTIZED 2:1:1 BRANCHED-CHAIN AMINO ACIDS

L-Leucine is the primary branched chain amino acid which is an activator of mTOR and is the main amino acid involved in consistently increasing muscle protein synthesis. L-Isoleucine also initiates muscle protein synthesis. More significantly, isoleucine increases glucose uptake and optimizes how your cells use glucose for energy during exercise. Multiple studies have shown that L-Valine is used in the biosynthesis of proteins and plays a key role in proper mental functions.

#### 50 MG | AstraGin™

AstraGin is a unique supplement derived from extracts of Astragalus membranaceus and Panax ginseng. This supplement promotes greater absorption and bioavailability for certain amino acids and nutrients while repairing any potential damage to your intestines. This ensures that your body actually absorbs as much of the amino acids in mTOR PRO™ as possible instead of flushing them away.



### Supplement Facts

Serving Size: 1 Scoop  
Servings Per Container: 30

	Amount Per Serving	% DV
Sodium	30mg	1%
Potassium	25mg	1%
<b>mTOR Activating Recovery Matrix</b>	<b>10.5g</b>	<b>**</b>
Instantized BCAAs (2:1:1)	5g	**
Instant L-Leucine	2.5g	**
Instant L-Isoleucine	1.25g	**
Instant L-Valine	1.25g	**
Time-Released L-Leucine (as ActiveTR™)	3g	**
L-Lysine	938mg	**
L-Threonine	685mg	**
L-Phenylalanine	310mg	**
L-Tyrosine	292mg	**
L-Histidine	175mg	**
L-Methionine	100mg	**
AstraGin® (Astragalus membranaceus & Panax Notoginseng)	50mg	**
<b>Active Hydration Matrix</b>	<b>1.225g</b>	
Taurine	1 g	**
Potassium Gluconate	150mg	**
Sodium Chloride	75mg	**

\*\*Percent Daily Value (%DV) not established

**FRUIT PUNCH**  
Other Ingredients: Citric Acid, Sucralose, Natural & Artificial Flavors, FD&C Red #40

**BLUE RASPBERRY**  
Other Ingredients: Citric acid, Sucralose, Natural & Artificial Flavors, FD&C Blue #1

**MANGO LEMONADE**  
Other Ingredients: Citric Acid, Sucralose, Natural and Artificial Flavors, FD&C Red #40, FD&C Yellow #5

#### 3.0 MG | ActiveTR™

Participants who took ActiveTR™ experienced elevated Leucine levels up to 4x longer than those using L-Leucine alone. The elevated Leucine levels seen in the ActiveTR™ group lasted approximately 8 hours post-consumption, contributing to a significant increase in protein synthesis and muscle recovery.

#### 10.5 G | ESSENTIAL AMINO ACIDS

L-Lysine plays a role in boosting the immune system and is involved in the synthesis of proteins to help you build greater muscle. L-Threonine is important for encouraging normal growth, maintaining a proper protein balance in the muscles and encouraging greater absorption of nutrients. L-Phenylalanine has been shown to boost mood and increase motivation, allowing for a positive attitude through every workout. It also enhances nerve function, allowing for optimal relaxation and contraction of muscles. L-Methionine increases fat metabolism and testosterone production. Along with antioxidant properties, methionine also improves digestion.



### WHY MYOKEM?

Through extensive research and development, Myokem has created unique formulas that use pharmaceutical quality ingredients for fat burning, muscle building, recovery and overall improved athletic performance. Each supplement has been painstakingly researched and developed extensively through clinical trials and scientific studies.

At Myokem, we focus on crafting unique formulas with the best quality ingredients that deliver unrivaled results. We're not afraid to use unique, exotic nutraceuticals that most supplement makers won't go near because they are too expensive and difficult to source. In an industry that is more focused on profit margins and unfounded hype, Myokem is the perfect marriage of brains and brawn. Our innovative products are designed for people who are serious about seeing results and Myokem provides the nutritional tools to maximize your workout and provide optimum results.