



**NOW AVAILABLE**  
Advanced Water Dispersible Form

# BIGGER, STRONGER, FASTER



SPORTS NUTRITION

## Measurable Strength, Endurance, and Muscle Results Seen at 14 Days\*

### Strong, Clinically-Backed Messaging

- 3 clinical studies support **strength, endurance, muscle, and testosterone** and **physical function** messaging
- Statistically **significant results** at 14 days\*
- Enhanced **muscle endurance**\*
- Increased **muscle size**\*
- Improved **lean body mass**\*
- Elevated **physical function** and **vitality**\*
- Supports improvements in both free and total **testosterone**\*
- Dose response supports **targeted SKUs**
- Available in **new, advanced water dispersible** form featuring Acti-Solve™ Technology with **enhanced sensory** and **organoleptic attributes**

RipFACTOR® Muscle Accelerator is a novel, patented formulation of two standardized botanical extracts well known from the Ayurvedic medicine tradition: East Indian Globe Thistle (*Sphaeranthus indicus*) and Mango Tree Bark (*Mangifera indica*). RipFACTOR Muscle Accelerator functions via multiple well-characterized pathways to support muscle strength and endurance. It also supports increases in testosterone and lean body mass. It has been designed to trigger the physiological processes that support the body adaptations that consumers want.

The results from two clinical trials on RipFACTOR show statistically significant improvements at 14 days\*. Study results show marketable benefits from two dose strengths: Performance and Ultra-Performance.

A new third clinical trial demonstrated enhanced muscle strength and improved physical function for daily living in aging subjects.\* The 12-week double blind placebo-controlled study was conducted on 92 healthy women and men ages 55-70 years (mean age 60 years) using the 650 mg Ultra-Performance dose.



GROWTH THROUGH INNOVATION

# MULTIPLE CLINICAL TRIALS SHOW DRAMATIC GAINS – EVEN VS. EXTRA EXERCISE

RipFACTOR's first two 8-week, double-blind, placebo-controlled trials studied two separate use levels, with remarkable results.

In both trials, improvements in muscle strength and endurance were seen throughout the study periods. In the second trial, statistically significant increases of upper body strength, lower body strength, total strength, muscle endurance, lean body mass and both free and total testosterone were seen. These effects were observed in both resistance-trained healthy men. Significant improvements from both the Performance and Ultra-Performance doses were seen. Remarkably, both use levels showed improvements over placebo subjects doing twice the amount of exercise.\*

The graphic on the right shows the dramatic 8-week results from the Ultra-Performance formula. At both formulation levels, significant improvements in lean body mass, percent body fat and total body fat were observed, as well as compelling improvements in free and total testosterone.



\*\*Results compared to placebo at Day 56 with Ultra-Performance dose

## Continuing, Consistent Improvement: the RipFACTOR® Journey

Based on mechanistic, preclinical and clinical studies

DAY ONE RipFACTOR® Starts	DAY 14 Significant Increases in Strength	DAY 30 Endurance Goes Through the Roof	DAY 60 A Transformed Body
<b>Physiological Changes<sup>^</sup></b>	<ul style="list-style-type: none"> <li>• Myosin heavy chain proteins build up</li> <li>• Enhanced protein synthesis</li> <li>• Anabolic mTOR pathway ignites protein synthesis and new muscle</li> <li>• Decrease in catabolic muscle breakdown</li> </ul>	<ul style="list-style-type: none"> <li>• Increased cellular energy stores via mitochondrial metabolism</li> <li>• Activated eNOS supplies more blood and nutrients to muscle</li> <li>• Clearing metabolic waste boosts performance and recovery</li> </ul>	<ul style="list-style-type: none"> <li>• Increased lean body mass</li> <li>• Lower body fat</li> <li>• Increased free testosterone</li> <li>• Decreased cortisol</li> </ul>
<b>Results</b>	<ul style="list-style-type: none"> <li>• Up to 2.7x increase in Total Strength*</li> </ul>	<ul style="list-style-type: none"> <li>• Up to 1.6x reps*</li> <li>• Up to 2x increase in Upper Body Strength*</li> <li>• Up to 2.9x increase in Lower Body Strength*</li> </ul>	<ul style="list-style-type: none"> <li>• Significantly improved Muscle Size*</li> <li>• Up to 1.7x improvement in Muscle Endurance*</li> <li>• Up to 2.6x improvement in Upper Body Strength*</li> <li>• Up to 2.3x improvement in Lower Body Strength*</li> </ul>

<sup>^</sup> Based on interpretation of findings and proposed mechanism of action

\* Improvement compared to placebo

PLT's RipFACTOR Muscle Accelerator can power your innovation and help you differentiate your sports, muscle building and testosterone products. Let us show you the science.

\* 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.

Contact PLT Health Solutions for samples and more information.  
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