

### 100% natural plant-based enzyme formula

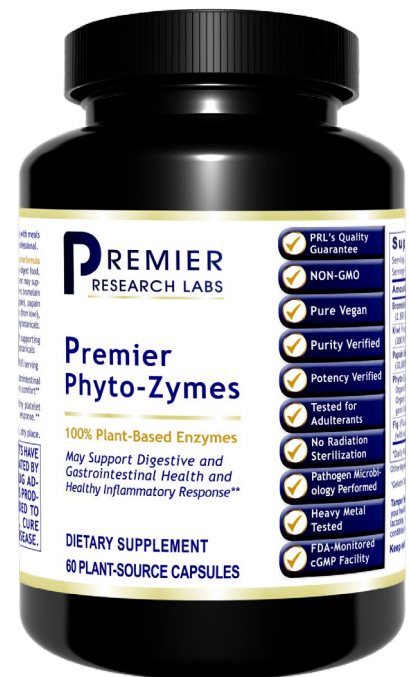
- ✓ Targets gastrointestinal health and healthy inflammatory response
- ✓ Offers 15 million PU<sup>1</sup> of total protease activity
- ✓ Promotes healthy inflammatory response
- ✓ Promotes healthy platelet function
- ✓ May help support joint comfort

## WELCOME TO AN ADVANCED PROTEOLYTIC ENZYME FORMULA, PREMIER PHYTO-ZYMES.

At 15 million PU of total protease activity, Premier Phyto-Zymes offers a **high potency, 100% plant based proteolytic enzyme formula** clinically designed to target gastrointestinal health and healthy inflammatory response without unwanted side effects.

Research demonstrates that high proteolytic activity, as found in Premier Phyto-Zymes, acts as an essential modulator in **supporting healthy inflammatory response**, specific to the breakdown of proteins. Thus, **high proteolytic activity may promote healthy platelet function and also support joint comfort.**

<sup>1</sup>Papain Units (also called Proteolytic Units)



THESE STATEMENTS HAVE NOT BEEN EVALUATED BY THE FOOD AND DRUG ADMINISTRATION. THESE PRODUCTS ARE NOT INTENDED TO DIAGNOSE, TREAT, CURE OR PREVENT ANY DISEASE.



**Commitment to Excellence:**  
Each PRL Formula Meets or Exceeds FDA/cGMP Standards



Powerful bromelain enzymes are derived from pineapple plants.

## Proteolytic Enzymes - “The Unsung Heroes”

Enzymes are essential in catalyzing thousands of biochemical reactions critical to the metabolic processes of almost every cell in your body in order to keep you alive and thriving. Enzymes either catalyze the breakage of a larger molecule into smaller molecules or help bind two molecules together to produce a new molecule. While enzymes are essential for many critical processes in your body, proteolytic enzymes are scientifically known for their ability to digest dietary proteins. Proteolytic enzymes are commonly found in fruits such as papaya, pineapple, fig, and kiwi.

In general, proteases are classified according to their catalytic site (i.e. cysteine proteases, serine proteases, aspartic proteases, and metalloproteases). Proteases are present in all living organisms involved in metabolism and also assist in the proper dismantling of cell structures during apoptosis (cell death). In plants, proteases protect themselves from fungal and bacterial invaders by specifically catalyzing the hydrolysis of peptide bonds between amino acid residues in a polypeptide chain of the offending invader.

Specific proteases act on specific amino acids and cut the peptide bond in a specific location. Cysteine Proteases (CPs) contain a Cys-His-Asp triad active site. Their main physiological role is the metabolic degradation of peptides and proteins. For this reason, they are commonly used as meat tenderizers. CPs are involved in MHC Class II antigen presentation immune functions, apoptosis, prohormone processing, and extracellular matrix remodeling that is important to bone development.

Recent research clinically suggests these powerful systemic enzymes are the “unsung heroes” working throughout the entire body to promote healthy blood flow and platelet function. In addition, they support a healthy inflammatory response and overall joint health.

## 15 Million PU of Proteolytic Activity!

Premier Phyto-Zymes is a once living, naturally potent, vegetarian/vegan blend featuring the legendary proteolytic enzymes, bromelain

(from pineapple) and papain (from papaya and kiwi fruit) totaling over 15 million PU of protease activity per 2 capsules. This powerhouse is then anchored by Phyto-Zyme Support blend delivering organic fennel, organic peppermint, and organic ginger - traditionally used for digestive support in traditional Chinese and Ayurvedic science.

Ingredient Name- Plant Part	Ingredient Type	Protease Enzyme	Claim	
Bromelain [from pineapple stem ( <i>Ananas comosus</i> )]	Extract	Bromelain	2500 GDU/g 500 mg/2 caps	Total Protease Activity 15 million PU per 2 capsules
Kiwi (fruit) ( <i>Actinidia deliciosa/Actinidia arguta</i> )	Botanical	Actinidain/Actinidin	300 PU/mg 200 mg/2 caps	
Papain [from Papaya fruit ( <i>Carica papaya</i> )]	Extract	Papain/ papaya proteinase I	30000 PU/mg 100 mg per 2 caps	
Fig (fruit) ( <i>Ficus carica</i> Linn.)	Botanical	Ficin/Ficain	Nat occur ficin proteolytic activity 50 mg per 2 caps	

## INGREDIENTS:

Two Plant-Source Capsules Provide:

**Bromelain Enzymes (from pineapple)** . . . . . 500 mg  
Yielding 2,500 GDU (Gelatin Digestion Units)

**Kiwi Fruit (*Actinidia deliciosa*)** . . . . . 200 mg  
Yielding 300 PU (Papain Units)

**Papain Enzymes (from papaya)** . . . . . 100 mg  
Yielding 30,000 PU (Papain Units)

**Phyto-Zyme Support** . . . . . 54 mg  
Organic Peppermint (leaf) (*Mentha x piperita*), Organic Fennel (seed) (*Foeniculum vulgare*), Organic Ginger (root) (*Zingiber officinale*)

**Fig (*Ficus carica*)** . . . . . 50 mg  
(with naturally occurring ficin proteolytic activity)

Other Ingredients: Plant-Source Capsules (cellulose, water)

**Suggested Use.** Take 2 capsules daily with meals or as directed by a health professional.

Code: 2950 (60 plant-source caps/bottle); Violite® Container R1.0