

# Cyto·Zyme

Broad-spectrum digestive enzyme support with the addition of ginger root and fenugreek seed for their carminative actions.

## Each capsule contains:

Ginger (rhizome, <i>Zingiber officinale</i> )	60mg
Fenugreek (seed, <i>Trigonella foenum-graecum</i> )	50mg
Protease 6.0	16mg / 8,000 FCC HUT
Protease 4.5	18.8mg / 15,000 FCC HUT
Protease 3.0	6mg / 10 FCC SAPU
Amylase	18.2mg / 2,500 FCC DU
Alpha-Galactosidase	5mg / 125 FCC GalU
Cellulase	1.5mg / 300 FCC CU
Glucoamylase	5mg / 5 FCC GU
Invertase	1.2mg / 200 FCC SU
Lactase	1.25mg / 100 FCC ALU
Malt Diastase	1.11mg / 200 FCC DU
Peptidase	8mg / 2,000 FCC HUT
Lipase RO	1.56mg / 375 FCC LU

90 vegetable capsules

Vegan. Dairy free.



The human body's ability to digest and absorb foods requires a network of organs including the entire gastrointestinal tract, pancreas, liver and gallbladder. These organs need to work in unison as each macronutrient requires a unique set of enzymes to aid the digestive process and ensure that foods are sufficiently broken down for optimal absorption.

There are many different types of carbohydrates in our food and, therefore, many different enzymes necessary to metabolize them depending on the specific sugars and structures. For example, lactose is a common disaccharide found

in dairy products that requires **lactase** for digestion into glucose and galactose, while **invertase** is necessary to break-down sucrose into glucose and fructose. Starches require specific enzymes such as **glucoamylase**, **amylase** and **diastase** while polysaccharide chains in the cell wall of green plants need **cellulase** to cleave the glucose chains.

Dietary fats must also undergo a transformation before being taken up into the body through the digestive tract. For this, gastric and pancreatic **lipase** are necessary to break apart fats into individual fatty acids and glycerol. Finally, proteins require **proteases** and

## Key points

- Broad-spectrum digestive enzyme support to aid in the proper digestion of proteins, fats and various carbohydrate sugars
- Includes three separate proteases that activate at different pH levels to ensure optimal digestion of proteins throughout changing acidity levels of the gastrointestinal tract
- Ginger root and fenugreek seed are added for their soothing carminative actions and traditional treatment of dyspepsia and constipation
- 90 vegetable capsules per bottle

**peptidases** in order to create small enough peptide chains and single amino acids that can be absorbed through the gastrointestinal wall.

As one can imagine, any disturbance in the digestive system or a relative deficiency in any one of these enzymes can lead to digestive upset with symptoms of gas, bloating, constipation and suboptimal absorption. **Cyto-Zyme** by Cyto-Matrix provides gentle digestive support with

a broad-spectrum digestive enzyme blend for all macronutrients. Three separate proteases are included in Cyto-Zyme that activate at different pH levels to ensure optimal digestion of proteins throughout changing acidity levels of the digestive tract. Cyto-Zyme also includes ginger root and fenugreek seed for their carminative actions and traditional use for treating dyspepsia and constipation. Available in 90 vegetable capsule bottles.

## Related products

Cyto-Glutamine  
DT-Matrix  
GI-Matrix  
GI-Soothe  
Multi-Strain 11  
Multi-Strain 50  
Saccharo-B

**Non-Medicinal Ingredients:** Rice bran, medium chain triglycerides, dextrin, maltodextrin. Capsule: hypromellose.

**Indications:** Digestive enzymes.

**Directions:** Adults - Take 1-2 capsules 3 times per day with first bite of food/meal or as directed by a healthcare professional.

**Duration of use:** Consult healthcare professional for prolonged use.

**Warnings:** Do not use if safety seal is broken. Consult a healthcare professional prior to use if you are pregnant, having surgery, or taking an anticoagulant/blood thinner or an anti-inflammatory, or if you have diabetes or a gastrointestinal lesion/ulcer. Consult a healthcare professional if symptoms persist or worsen.

**Known adverse reactions:** Hypersensitivity, gastrointestinal disturbance and allergy have been known to occur, in which case, discontinue use.



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