

ACTINIZYME

WHOLE FOOD. WHOLE TRUTH.

MEET ACTINIZYME[®] Enhanced Protein Digestion
for Sports Nutrition

Actinizyme[®] is a premium freeze-dried whole green kiwifruit powder standardised to exceptionally high actinidin activity (100,000 U/g). It supports efficient plant protein digestion, helping athletes and active individuals optimise protein utilisation by retaining the full nutrition of the whole fruit: fibre, polyphenols, and actinidin. Actinizyme[®] delivers four times the enzyme density of standard kiwifruit powder, making it ideal for sports nutrition applications where efficient protein utilisation is critical.

HIGH ENZYME
DENSITY –
100,000 U/G
ACTINIDIN
ACTIVITY

LOW DOSE
OF 200 MG/
30G OF
PROTEIN

HEALTH OUTCOMES:



REDUCES BLOATING AND DIGESTIVE DISCOMFORT

In UK user testing, 21 regular plant protein supplement users (whey, pea, soy) took Actinizyme daily for 2 weeks. Bloating and gas dropped by up to 37%, abdominal pain by 34%, and reflux by 29%.



GET MORE FROM PLANT PROTEIN

Actinidin breaks difficult-to-digest plant proteins down faster than the stomach's own enzymes alone, releasing up to 6.2x more amino acids from pea protein, 4x from soy, 3.6x from quinoa, and 3.3x from almond in the critical early minutes of digestion.



DUAL-PHASE ENZYME ACTION

Active in both the stomach and intestine, this natural enzyme provides 2-in-1 digestive support: working across the full digestive tract where most other proteases can't, helping you digest protein more efficiently and reducing post-meal bloating and discomfort.

SCIENTIFIC VALIDATION:

3 IN VITRO
STUDIES



Actinidin enhances protein digestion across plant proteins and survives the full digestive tract in active form

3 ANIMAL
STUDIES



Peer-reviewed research demonstrating faster gastric emptying and greater amino acid absorption in validated models for human digestion

37% BLOATING
REDUCTION



In human Market Acceptance Testing, regular protein users had a **37%** bloating reduction and **34%** abdominal pain reduction, after taking Actinizyme for **2 weeks**

REAL SCIENCE. REAL PEOPLE. REAL RESULTS.

PROUDLY BROUGHT
TO YOU BY



WHAT MAKES ACTINIZYME[®] UNIQUE?

- **Plant Protein Optimisation:** Actinidin breaks down the tough, compacted plant proteins that resist normal digestion.
- **Bypasses the Trypsin Inhibitor Block:** Plant protein powders often retain trypsin inhibitors that slow your own digestive enzymes and can cause bloating. Actinidin bypasses this block, breaking down plant proteins even when trypsin inhibitors are present, so your gut doesn't pay for your protein choice.
- **Superior Enzyme Density:** Standardised to >100,000 U/g actinidin activity, Actinizyme delivers full digestion support at 200 mg per serving, a fraction of the dose needed with standard kiwifruit powder.
- **Full-Tract Digestion Support:** Full-tract digestion support: Unlike many supplemental enzymes that only work in the stomach or intestine, actinidin remains active across pH 3–10, supporting protein breakdown throughout the entire digestive process and surviving 4+ hours of simulated transit in active form, so it can keep working from stomach to small intestine to digest a wider range of protein bonds, speed amino acid release, and help reduce feelings of gastric heaviness after high-protein consumption.

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KEY POSITIONINGS:

- **Sports Nutrition:**
For athletes and individuals on high-protein diets, Actinidin shows enhanced protein breakdown and amino acid absorption in published research.
- **Digestive Health and High Protein Lifestyle Products:**
Actinizyme user testing showed improved digestive comfort from high protein intake within two weeks.
- **Vegan & Plant-Based Athletes:**
Actinidin accelerates amino acid release from plant proteins with relatively lower digestibility such as pea protein.

WHY CHOOSE ACTINIZYME[®]?



Backed by science:

Supported by robust research on plant protein digestion and athletic applications.



Low effective dose:

Just 200 mg per serving delivers measurable results.



Sustainable, quality source:

Made from whole green kiwifruit sourced from Zespri-accredited orchards.



Formulation versatility:

Suitable for protein powders, sachets, chewables, capsules, and functional foods such as RTD beverages and functional bars.



Safe for all:

Suitable for athletes of all levels, including elite competitors and also suitable at every stage of life, for children, pregnant women, and the elderlies.



Clean label:

Non-GMO, no added sugars or flavours, GRAS-certified.



High consumer appeal:

Great-tasting with a natural fruit profile.



Marketing, Formulation, and Market Acceptance Testing support available



For more information or to request samples, contact us today! info@anagenix.com

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