

## Recombinant Trypsin

Cat No: KBENZ50-1 / -2 / -3

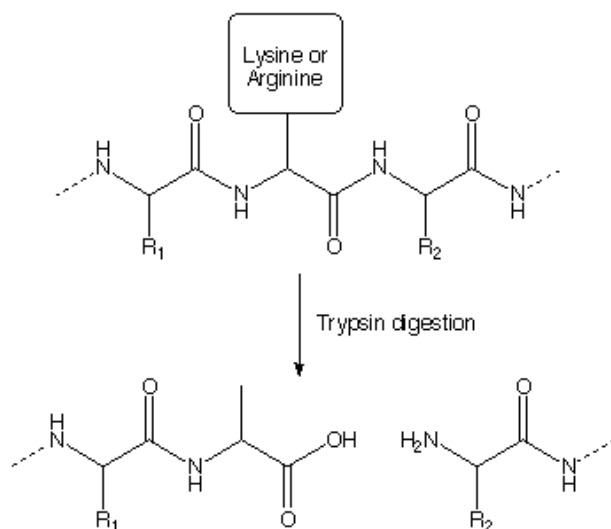
Pack Sizes: 10 mg / 100 mg / 1 g

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### General Information

#### Product Description:

Trypsin is a member of the serine protease family. Trypsin cleaves peptides on the C-terminal end of lysine and arginine amino acid residues. KRISHZYME™ Recombinant trypsin is a genetically engineered protein expressed in E.coli and the amino acid sequence of recombinant trypsin is identical to porcine pancreas-derived trypsin, with equivalent properties compared to native trypsin. Recombinant trypsin can replace native trypsin for using in a variety of biotechnological processes. The enzyme is inhibited by serine protease inhibitors, e.g. PMSF, soybean trypsin inhibitor and by metal chelating agents, e.g. EDTA.



**M.W.:** 24 KD

**Optimum pH:** 7.0 – 11.0

### Usage Guide

#### Storage:

KRISHZYME™ Recombinant trypsin (lyophilized) should be stored under 2-8°C in sealed container.

Stable for upto 24 months from the date of manufacturing.

Recommend to aliquot the protein into smaller quantities for optimal storage and stability. Avoid repeated freeze-thaw cycles.

#### Reconstitution:

Reconstitute with 1mM HCl or 50mM HAC; Store it under sterile conditions at -20°C after reconstitution.

*For research use only and not intended for use in humans or animals*