

PRODUCT DATA SHEET



Bioworld Technology, Inc.

Recombinant Enterokinase, Light Chain, Porcine

Catalog Number: BK0339-100IU

Source: *P. pastoris*

Quantity: 100IU

Description:

GenScript Enterokinase is a highly purified recombinant porcine enterokinase. The enzyme has been extensively purified and tested to ensure that there are no other contaminating proteases. Enterokinase is a specific protease that cleaves after a lysine preceded by four aspartic acids: Asp-Asp-Asp-Asp-Lys. Enterokinase will not cleave, however, if this lysine is followed by a proline. Enterokinase can remove fusion tags is located in the N-terminal section of proteins, useful for removing unwanted tags.

Molecular Weight:

Theoretical MW: 21,880 Da The apparent MW on SDS-PAGE: about 40,000 Da

Purity:

Biological Activity:

One unit is defined as the amount of enzyme needed to cleave 50 µg of fusion protein in 16 hours to 95% completion at 22 °C in a buffer containing 25 mM Tris-HCl, pH 8.0.

Physical Appearance:

Sterile Filtered White lyophilized (freeze-dried) pow-

der.

Formulation:

GenScript enterokinase, formulated using GenScript's proprietary technology, can be shipped at room temperature. It will remain stable at 37 °C for one week without losing any activity.

AA Sequence:

Endotoxin:

Reconstitution:

Reconstituted in ddH₂O or PBS at 100 µg/ml.

Storage:

Store at -20 °C after delivery.

Usage:

This material is offered by USA Bioworld biotech for research, laboratory or further evaluation purposes. For research use only.