

Enterokinase, Light Chain, Porcine

Cat. No.: Z01003

Size: 100.0 IU

Synonyms: Enterokinase; EK

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.

Source: *P. pastoris*

Species: Porcine

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.

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

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.

Storage: Store at -20°C after delivery.