

Active Recombinant Pig TMPRSS15 Protein

Cat. No. TMPRSS15-157T **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig TMPRSS15 Protein without tag was expressed in <i>P. pastoris</i> .
Species	Pig
Source	<i>P.pastoris</i>
Description	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.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Bio-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 centigrade in a buffer containing 25 mM Tris-HCl, pH 8.0.
Molecular Mass	Theoretical MW: 21,880 DaThe apparent MW on SDS-PAGE: about 40,000 Da
Storage	Store at -20 centigrade after delivery.
Storage Buffer	Enterokinase, formulated using proprietary technology, can be shipped at room temperature. It will remain stable at 37 centigrade for one week without losing any

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activity.

Reconstitution Reconstituted in ddH₂O or PBS at 100 µg/mL.

GENE INFORMATION

Gene Name [TMPRSS15 transmembrane protease, serine 15 \[Sus scrofa \]](#)

Official Symbol [TMPRSS15](#)

Synonyms TMPRSS15; transmembrane protease, serine 15; enteropeptidase; enterokinase; serine protease 7; transmembrane protease serine 15; protease, serine, 7 (enterokinase); enteropeptidase, light chain (L chain); PRSS7;

Gene ID [397152](#)

mRNA Refseq [NM_001001259](#)

Protein Refseq [NP_001001259](#)

UniProt ID [P98074](#)

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