

## Active Recombinant Pig TMPRSS15 Protein

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

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Pig TMPRSS15 Protein without tag was expressed in <i>P. pastoris</i> .  |
| <b>Species</b>          | Pig   |
| <b>Source</b>           | <i>P.pastoris</i>   |
| <b>Description</b>      | 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. |
| <b>Form</b>             | Sterile Filtered White lyophilized (freeze-dried) powder.   |
| <b>Bio-activity</b>     | 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.  |
| <b>Molecular Mass</b>   | Theoretical MW: 21,880 DaThe apparent MW on SDS-PAGE: about 40,000 Da   |
| <b>Storage</b>          | Store at -20 centigrade after delivery.   |
| <b>Storage Buffer</b>   | 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 ddH<sub>2</sub>O 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](#) Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA