



Recombinant Bovine Tmprss15 Protein Product Manual

1. Product Basic Information

Product No.: REP08490

Protein Name: Serine Protease Enterokinase Catalytic Subunit (Tmprss15)

Aliases: ENTK; PRSS7; enteropeptidase; serine protease enterokinase catalytic subunit; transmembrane serine protease 15; transmembrane protease, serine 15; protease, serine, 7 (enterokinase)

UniProt ID: P97435

UniProt Link: <https://www.uniprot.org/uniprotkb/P97435/entry>

Species Source: Bos taurus (Bovine)

Expression System: E.coli

Protein Length: Partial (801-1035aa)

Molecular Weight: 33.2 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (801-1035aa)

IVGGSDSREGAWPWVVALYFDDQQVCGASLVSRDWLVSAAHCVYGRNMEPSKW
KAVLGLHMASNLTSPQIETRLIDQIVINPHYNKRRKNNDIAMMHLEMKVNYTDYIQPI
CLPEENQVFPPGRICSIAGWGALIQGSTADVLQEADVPLLSNEKCQQQMPEYNIT
ENMVCAGYEAGGVDSQCQGGDGGPLMCQENNRWLLAGVTSFGYQCALPNRPGVY
ARVPRFTEWIQSFLH

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions



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Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Bovine Tmprss15 partial protein (801-1035aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. Tmprss15, also known as ENTK or PRSS7 or enteropeptidase, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.