

BEnteropeptidase/Enterokinase Recombinant Protein | TMPRSS15 recombinant protein

Recombinant Bovine Enteropeptidase/Enterokinase

CATALOG # AAA38271	HOST E. coli
------------------------------	------------------------

PRODUCT SYNONYMS

BEnteropeptidase/Enterokinase; Recombinant Bovine Enteropeptidase/Enterokinase; Enterokinase Bovine; Enteropeptidase/Enterokinase Light Chain Bovine Recombinant; Enteropeptidase; EC 3.4.21.9; Enterokinase; Serine protease 7; ENTK; MGC133046; bEnterokinase; TMPRSS15 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	Bovine EK in 50mM Tris-HCl, pH 8.0, 0.5M NaCl and 50% glycerol.
Sequence Length	1035
Unit Defenition	One unit is defined as the amount of enzyme needed to cleave 50 ug of fusion protein in 16 hours to 95% completion at 25 degree C in a buffer containing 25mM Tris-HCl, pH 7.6, 50mM NaCl, and 2mM CaCl2.
Physical Appearance	Sterile liquid solution
Preparation and Storage	One year when stored at 20°C. Please avoid freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for TMPRSS15 recombinant protein	Description: Enterokinase (rEK) Bovine Recombinant is the catalytic subunit of bovine enterokinase, which is expressed by E. Coli and purified to yield a high enzyme activity preparation. EK recognizes the sequence Asp-Asp-Asp-Asp-Lys and cleaves the peptide bond after the lysine residue. The enzyme can be used to cleave any fusion protein that carries this sequence. Recombinant Bovine Enterokinase is a single glycosylated polypeptide chain containing 235 amino acids and having an MW of ~28kDa.
Product Categories/Family for TMPRSS15 recombinant protein	Enzymes; Enteropeptidase/Enterokinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	27806097
NCBI GeneID	282009
NCBI Accession #	NP_776864.1
NCBI GenBank Nucleotide #	NM_174439.2
UniProt Accession #	P98072
NCBI Official Full Name	enteropeptidase
NCBI Official Symbol	TMPRSS15
NCBI Official Synonym Symbols	PRSS7
NCBI Protein Information	enteropeptidase; enterokinase; protease, serine, 7 (enterokinase); serine protease 7; transmembrane protease serine 15

UniProt Protein Name	Enteropeptidase
UniProt Gene Name	TMPRSS15
UniProt Synonym Gene Names	ENTK; PRSS7
UniProt Entry Name	ENTK_BOVIN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tmpRSS15-recombinant-protein-e-coli/38271>