

BEnteropeptidase/Enterokinase Recombinant Protein | TMPRSS15 recombinant protein

Recombinant Bovine Enteropeptidase/Enterokinase His Tag

CATALOG # AAA39020	HOST E Coli
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E Coli
Form/Format	Bovine EK is supplied in 50 mM Tris-HCl, pH 8.0, 0.5M NaCl and 50% glycerol. Sterile liquid solution.
Sequence Length	1035
Unit Definition	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 25 mM Tris-HCl, pH 7.6, 50 mM NaCl, and 2 mM CaCl ₂ .

ADDITIONAL INFORMATION

Related Product Information for TMPRSS15 recombinant protein	Description: Enterokinase Bovine Recombinant produced in E Coli is a single, non-glycosylated, polypeptide chain containing 241 amino acids with a 6 x His at C-terminus and having a molecular mass of 28.0kDa. The Enterokinase Bovine is purified by proprietary chromatographic techniques. Introduction: Enteropeptidase or enterokinase is an enzyme involved in human digestion. It is produced by cells in the duodenum wall, and is secreted from duodenum's glands, the crypts of Lieberk^hn, whenever ingested food enters the duodenum from the stomach. Enteropeptidase has the critical job of turning trypsinogen (a zymogen) to trypsin, indirectly activating a number of pancreatic digestive enzymes. Enteropeptidase is a serine protease enzyme (EC 3.4.21.9). Enteropeptidase is a part of the Chymotrypsin-clan of serine proteases, and is structurally similar to these proteins.
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
Molecular Weight	112,127 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/tmpRSS15-recombinant-protein-e-coli/39020>