NKMAXBio we support you, we believe in your research Recombinant human Enteropeptidase/Enterokinase protein Catalog Number: ATGP2960

PRODUCT INFORMATION

Expression system E.coli

Domain 785-1019aa

UniProt No. P98073

NCBI Accession No. NP_002763

Alternative Names Enterpeptidase, ENTK

PRODUCT SPECIFICATION

Molecular Weight 26.4 kDa (237aa)

Concentration 1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Purity > 85% by SDS-PAGE

Tag Non-Tagged

Application SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

PRSS7 also known as Enterpeptidase. This protein is responsible for initiating activation of pancreatic proteolytic proenzymes (trypsin, chymotrypsin and carboxypeptidase A). It catalyzes the conversion of trypsinogen to trypsin which in turn activates other proenzymes including chymotrypsinogen, procarboxypeptidases, and proelastases. Recombinant human PRSS7, was expressed in E. coli.

Amino acid Sequence

MAIVGGSNAK EGAWPWVVGL YYGGRLLCGA SLVSSDWLVS AAHCVYGRNL EPSKWTAILG LHMKSNLTSP QTVPRLIDEI



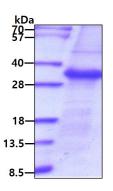
VINPHYNRRR KDNDIAMMHL EFKVNYTDYI QPICLPEENQ VFPPGRNCSI AGWGTVVYQG TTANILQEAD VPLLSNERCQ QQMPEYNITE NMICAGYEEG GIDSCQGDSG GPLMCQENNR WFLAGVTSFG YKCALPNRPG VYARVSRFTE WIQSFLH

General References

Holzinger A., et al. (2002) Genet. 70:20-25

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.