

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 EGAWPVVVG L YYGGRLCGA SLVSSDWLVS AAHCVYGRNL EPSKWTA I LG LHMKS NLTSP QTVPR LIDEI

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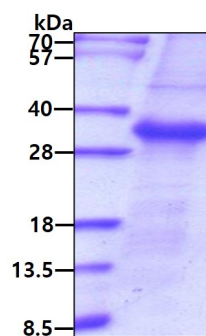
VINPHYNRRR KDNDIAMMHL EFKVNYTDYI QPICLPEENQ VFPPGRNCSI AGWGTVVYQG TTANILQEAD VPLLSNERCQ
QQMPEYNITE NMICAGYEEG GIDSCQGDSG GPLMCQENNR WFLAGVTSFG YKCALPNRPG VYARVSRFTE WIQSFLH

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.