

Product datasheet for AR51780PU-N

OriGene Technologies, Inc.

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PRSS7 / ENTK (785-1019, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: PRSS7 / ENTK (785-1019, His-tag) human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA 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

Tag: His-tag
Predicted MW: 26.4 kDa
Concentration: lot specific

Purity: >85% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: Liquid, In 20 mM Tris-HCl (pH 8.0) containing 10% glycerol

Preparation: Liquid purified protein

Protein Description: Recombinant human PRSS7, was expressed in E.coli.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 002763

 Locus ID:
 5651

 UniProt ID:
 P98073

 Cytogenetics:
 21q21.1

 Synonyms:
 ENTK; PRSS7





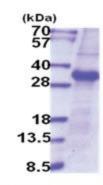
Summary:

This gene encodes an enzyme that converts the pancreatic proenzyme trypsinogen to trypsin, which activates other proenzymes including chymotrypsinogen and procarboxypeptidases. The precursor protein is cleaved into two chains that form a heterodimer linked by a disulfide bond. This protein is a member of the trypsin family of peptidases. Mutations in this gene cause enterokinase deficiency, a malabsorption disorder characterized by diarrhea and failure to thrive. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome, Transmembrane

Product images:



15% SDS-PAGE (3ug)