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Product datasheet for AR51780PU-S

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

Product data:

Product Type:	Recombinant Proteins
Description:	PRSS7 / ENTK (785-1019, His-tag) human recombinant protein, 0.1 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

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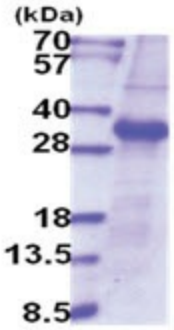
Summary: This gene encodes an enzyme that converts the pancreatic proenzyme trypsinogen to trypsin, which activates other proenzymes including chymotrypsinogen and procarboxypeptidases. The precursor protein is cleaved into two chains that form a heterodimer linked by a disulfide bond. This protein is 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)