Product datasheet for AR51079PU-N

Trypsin-3 / PRSS3 (81-304, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Trypsin-3 / PRSS3 (81-304, His-tag) human protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSIVGGYTC EENSLPYQVS LNSGSHFCGG SLISEQWVVS AAHCYKTRIQ VRLGEHNIKV LEGNEQFINA AKIIRHPKYN RDTLDNDIML IKLSSPAVIN ARVSTISLPT APPAAGTECL ISGWGNTLSF GADYPDELKC LDAPVLTQAE CKASYPGKIT NSMFCVGFLE GGKDSCQRDS GGPVVCNGQL QGVVSWGHGC AWKNRPGVYT KV
Tag:	His-tag
Predicted MW:	26 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Preparation:	Liquid purified protein
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_001184026
Locus ID:	5646
UniProt ID:	P35030, Q7Z5F4
Cytogenetics:	9p13.3
Synonyms:	MTG; PRSS4; T9; TRY3; TRY4

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Summary: This gene encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is expressed in the brain and pancreas and is resistant to common trypsin inhibitors. It is active on peptide linkages involving the carboxyl group of lysine or arginine. This gene is localized to the locus of T cell receptor beta variable orphans on chromosome 9. Four transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Oct 2010]

Protein Families: Druggable Genome, Protease, Secreted Protein

Protein Pathways: Neuroactive ligand-receptor interaction

Product images:

15% SDS-PAGE (3ug)