

Product datasheet for **AR51975PU-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, 0.25 mg
Species:	Human
Expression Host:	Insect
Expression cDNA Clone or AA Sequence:	ADPIVGGYTC EENSLPYQVS LNSGSHFCGG SLISEQWVVS AAHCYKTRIQ VRLGEHNIKV LEGNEQFINA AKIIRHPKYN RDTLDNDIML IKLSSPAVIN ARVSTISLPT APPAAGTECL ISGWGNTLSF GADYPDELKC LDAPVLTQAE CKASYPGKIT NSMFCVGFLE GGDSCQRDS GGPVVCNGQL QGVVSWGHC AWKNRPGVYT KVYNYVDWIK DTIAANSHHH HHH
Tag:	His-tag
Predicted MW:	25.3 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Endotoxin:	< 1.0 EU per 1 microgram of protein (determined by LAL method)
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
Cytogenetics:	9p13.3
Synonyms:	PRSS4, TRY3, TRY4, Brain trypsinogen, Mesotrypsinogen, Serine protease 3, Serine protease 4, Trypsin III, Trypsin IV



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Summary:

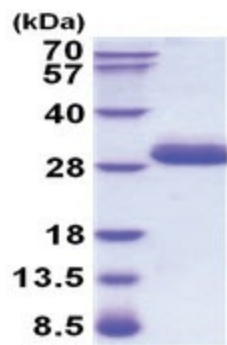
This gene encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is expressed in the brain and pancreas and is resistant to common trypsin inhibitors. It is active on peptide linkages involving the carboxyl group of lysine or arginine. This gene is localized to 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)