

AR51079PU-N

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

Alternate names:	Brain trypsinogen, Mesotrypsinogen, PRSS4, Serine protease 3, Serine protease 4, TRY3, TRY4, Trypsin III, Trypsin IV
Quantity:	0.5 mg
Concentration:	1 mg/ml (determined by Bradford assay)
Background:	PRSS3 is 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
Uniprot ID:	P35030
NCBI:	NP_031369
GeneID:	5646
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Description:	AA Sequence: MGSSHHHHH SSGLVPRGSH MGSIVGGYTC EENSLPYQVS LNSGSHFCGG SLISEQWVVS AAHCYKTRIQ VRLGEHNIKV LEGNEQFINA AKIIRHPKYN RDTLDNDIML IKLSSPAVIN ARVSTISLPT APPAAGTECL ISGWGNTLSF GADYPDELKC LDAPVLTQAE CKASYPGKIT NSMFCVGFLE GGDSCQRDS GGPVVCNGQL QGVVSWGHGC AWKNRPGVYT KV Molecular weight: 26 kDa (247aa)
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. Shelf life: one year from despatch.
General Readings:	Masson E, Le Maréchal C, et al. (2008). Pancreas. 37(2):227-8. Jiang G, Cao F, et al. (2010). Gut. 59(11):1535-44.

Pictures:

