

Product datasheet for **TP720488**

PR3 (PRTN3) (NM_002777) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human proteinase 3 (PRTN3)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Ala26-Arg249
Tag:	C-His
Predicted MW:	25.6 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Supplied as a 0.2 um filtered solution of 10mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 8.0.
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_002768
Locus ID:	5657
UniProt ID:	P24158
Cytogenetics:	19p13.3
Synonyms:	ACPA; AGP7; C-ANCA; CANCA; MBN; MBT; NP-4; NP4; P29; PR-3; PR3
Summary:	Serine protease that degrades elastin, fibronectin, laminin, vitronectin, and collagen types I, III, and IV (in vitro) (PubMed:3198760, PubMed:2033050, PubMed:28240246). By cleaving and activating receptor F2RL1/PAR-2, enhances endothelial cell barrier function and thus vascular integrity during neutrophil transendothelial migration (PubMed:23202369). May play a role in neutrophil transendothelial migration, probably when associated with CD177 (PubMed:22266279).[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Protease



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Product images:

