

Recombinant Full Length Human PRTN3 Protein, C-Flag-tagged

Cat. No. PRTN3-1556HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PRTN3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables enzyme binding activity; serine-type endopeptidase activity; and signaling receptor binding activity. Involved in several processes, including mature conventional dendritic cell differentiation; membrane protein ectodomain proteolysis; and neutrophil extravasation. Located in azurophil granule lumen; cytosol; and plasma membrane raft. Colocalizes with plasma membrane.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	27.6 kDa
AA Sequence	MAHRPPSPALASVLLALLLSGAARAAEIVGGHEAQPHSRPYMASLQMRGNPGSHFC GGTLIHPSFVLTAH HCLRDIPQRLVNVVLGAHNVRTQEPTQQHFSSVAQVFLNNYDA ENKLNIDILLIQLSSPANLSASVATVQLP QQDQPVPHTGTQCLAMGWGRVGAHDPPA QVLQELNVTVTFFCRPHNICTFVPRRKAGICFGDSGGPLICD GIIQGIDSFVIWGCATRLFPDFFTRVALYVDWIRSTLRRVEAKGRPTRTRPLEQKLISE EDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Protease
Full Length	Full L.

GENE INFORMATION

Gene Name	PRTN3 proteinase 3 [Homo sapiens (human)]
Official Symbol	PRTN3
Synonyms	MBN; MBT; NP4; P29; PR3; ACPA; AGP7; NP-4; PR-3; CANCA; C-ANCA
Gene ID	5657
mRNA Refseq	NM_002777.4
Protein Refseq	NP_002768.3
MIM	177020

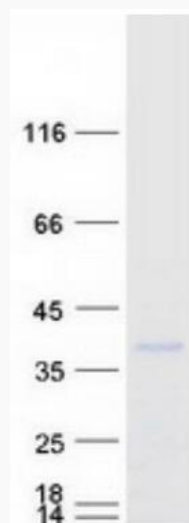
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UniProt ID

P24158



Coomassie blue staining of purified PRTN3 protein.

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