

Recombinant Human PRTN3 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. PRTN3-252H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PRTN3 MS Standard C13 and N15-labeled recombinant protein (NP_002768) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Polymorphonuclear leukocyte serine protease that degrades elastin, fibronectin, laminin, vitronectin, and collagen types I, III, and IV (in vitro) and causes emphysema when administered by tracheal insufflation to hamsters. [UniProtKB/Swiss-Prot Function]
Molecular Mass	27.6 kDa
AA Sequence	MAHRPPSPALASVLLALLLSGAARAAEIVGGHEAQPHSRPYMASLQMRGNPGSHFC GGTLIHPSFVLTAAHCLRDIPQRLVNVVLGAHNVRTQEPTQQHFSVAQVFLNNYDAE NKLNDILLIQLSSPANLSASVATVQLPQQDQVPVPHGTQCLAMGWGRVGAHDPPAQV LQELNVTVVTFPCRPHNICTFVPRRKAGICFGDSSGGLICDGIHQIDSFVIWGCATRL FPDFFTRVALYVDWIRSTLRRVEAKGRPTRTRPLEQKLISEEDLAANDILDYKDDDDK V
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PRTN3 proteinase 3 [Homo sapiens (human)]

Official Symbol PRTN3

Synonyms PRTN3; proteinase 3; myeloblastin; ACPA; AGP7; C ANCA; MBT; P29; PR 3; serine proteinase; neutrophil; Wegener granulomatosis autoantigen; NP-4; C-ANCA antigen; wegenger autoantigen; leukocyte proteinase 3; neutrophil proteinase 4; azurophil granule protein 7; serine proteinase, neutrophil; MBN; NP4; PR3; PR-3; CANCA; C-ANCA;

Gene ID 5657

mRNA Refseq NM_002777

Protein Refseq NP_002768

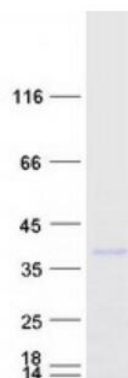
MIM 177020

UniProt ID P24158

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SDS-PAGE

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