

Recombinant Human PRTN3

Cat. No. PRTN3-31105TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PR3 with proprietary tag, 54.23kDa.
Species	Human
Source	Wheat Germ
ProteinLength	256 amino acids
Description	Proteinase 3 also known as PRTN3 is an enzyme which in humans is encoded by the PRTN3 gene.
Molecular Weight	54.230kDa inclusive of tags
Biological activity	useful for Antibody Production and Protein Array
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.31% Glutathione, 0.79% Tris HClNote: Glutathione is reduced
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MAHRPPSPALASVLLALLLSGAARAAEIVGGHEAQPHSRPYMASLQMRGNPGSHFC

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GGTLIHPSFVLTAAHCLRDIPQRLVNVVLGAHNVRTQEPTQQHFSVAQVFLNNYDAE
 NKLNDILLIQLSSPANLSASVATVQLPQQDQVPVPHGTQCLAMGWGRVGAHDPPAQV
 LQELNVTVVTFPCRPHNICTFVPRRKAGICFGDSSGGPLICDGIIQGIDSFVIWGCATRL
 FPDFFFTRVALYVDWIRSTLRRVEAKGRP

Sequence
Similarities Belongs to the peptidase S1 family. Elastase subfamily. Contains 1 peptidase S1 domain.

GENE INFORMATION

Gene Name PRTN3 proteinase 3 [Homo sapiens]

Official Symbol PRTN3

Synonyms PRTN3; proteinase 3; myeloblastin; ACPA; AGP7; C ANCA; MBT; P29; PR 3; serine proteinase; neutrophil; Wegener granulomatosis autoantigen;

Gene ID 5657

mRNA Refseq NM_002777

Protein Refseq NP_002768

MIM 177020

Uniprot ID P24158

Chromosome Location 19p13.3

Pathway C-MYB transcription factor network, organism-specific biosystem;

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Function

enzyme binding; peptidase activity; protein binding; serine-type endopeptidase activity; serine-type peptidase activity;

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