

## Recombinant Human PRTN3 Protein

Cat. No. PRTN3-6018H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human PRTN3 protein without tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	Serine protease that degrades elastin, fibronectin, laminin, vitronectin, and collagen types I, III, and IV (in vitro). By cleaving and activating receptor F2RL1/PAR-2, enhances endothelial cell barrier function and thus vascular integrity during neutrophil transendothelial migration. May play a role in neutrophil transendothelial migration, probably when associated with CD177.
<b>Form</b>	Lyophilized powder/frozen liquid
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Notes</b>	For research use only.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
<b>Storage Buffer</b>	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution.

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**Shipping** They are shipped out with dry ice/blue ice unless customers require otherwise.

## 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; wegener 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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