

Recombinant Human PRTN3 Protein, His-tagged

Cat. No. PRTN3-2633H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRTN3 Protein (Ile28-Arg248) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ile28-Arg248
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.9 kDa Accurate Molecular Mass: 28 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

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; wegner 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

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UniProt ID

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