

Recombinant Human PRTN3 Protein, His tagged

Cat. No. PRTN3-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRTN3 Protein (26-249 aa) with C-His tag was expressed in Baculovirus-Insect cells.
Species	Human
Source	Insect cells
ProteinLength	26-249 aa
Description	Enables enzyme binding activity; serine-type endopeptidase activity; and signaling receptor binding activity. Involved in several processes, including mature conventional dendritic cell differentiation; neutrophil extravasation; and positive regulation of GTPase activity. Located in azurophil granule lumen; cytosol; and plasma membrane raft.
Source	Insect cells
Species	Human
Tag	C-His
Molecular Weight	26 kDa
AA Sequence	MAEIVGGHEAQPHSRPYMASLQMRGNPGSHFCGGTLIHPSFVLTAAHCLRDIPQRL VNVVLGAHNVRTQEPTQQHFSVAQVFLNNYDAENKLNDVLLIQLSSPANLSASVATV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

QLPQQDQPVPHGTQCLAMGWGRVGAHDPPAQVLQELNVTVVTFPCRPHNICTFVP
RRKAGICFGDSSGPLICDGIIQGIDSFVIWGCATRLFPDFFTRVALYVDWIRSTLRRH
HHHHHH

Endotoxin < 1 EU/μg by LAL

Purity > 90% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Sterile PBS, pH7.4, 10% Glycerol, 5% Trehalose, 0.05% SKL

Concentration 0.88 mg/mL by Bradford

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

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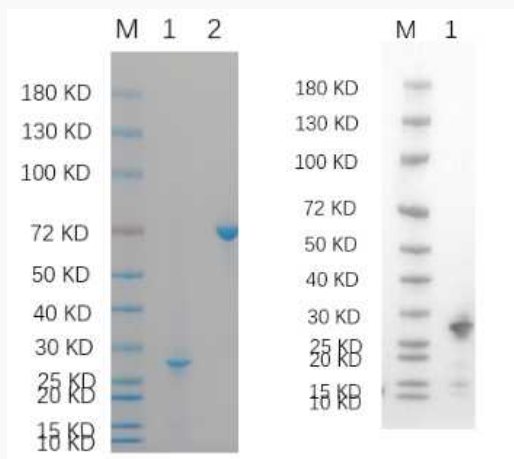
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Protein Refseq NP_002768

MIM 177020

UniProt ID P24158

**Reducing 4%-20%
SDS-PAGE (CBB
stained) and WB
(Anti-His Mouse
Monoclonal
Antibody) analysis
profiles of purified
PRTN3.**



1. PRTN3
2. BSA

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