

Native Human PRTN3 Protein

Cat. No. PRTN3-01H Lot. No. (See product label)

SPECIFICATION

Product Overview	PRTN3 is a natural antigen having a molecular mass of 25 kDa. PRTN3 is isolated from human peripheral blood leukocytes.
Species	Human
Source	Peripheral blood leukocytes
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.
Molecular Mass	25 kDa
Purity	> 95 % in the sum of different glycosylation isoforms according to following section as determined by SDS-PAGE and capillary electrophoresis.
Applications	WB
Stability	Store at 4 centigrade if entire vial will be used within 2-4 weeks. Store, frozen at -20 centigrade for longer periods of time. Avoid multiple freeze-thaw cycles.
Concentration	0.5-1.0 µg/mL (depending on the type of ELISA plate and coating buffer). Suitable for

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labeling of functional groups.

Storage Buffer 20mM Sodium Phosphate pH-6.2, 300mM NaCl, and 0.02 % Lubrol.

Shipping Ice packs

GENE INFORMATION

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

Official Symbol PRTN3

Synonyms

PRTN3; proteinase 3; MBN; MBT; NP4; P29; PR3; ACPA; AGP7; NP-4; PR-3; CANCA; C-ANCA; myeloblastin; C-ANCA antigen; Wegener granulomatosis autoantigen; azurophil granule protein 7; leukocyte proteinase 3; neutrophil proteinase 4; serine proteinase, neutrophil; wegener autoantigen; EC 3.4.21.76

Gene ID 5657

mRNA Refseq NM_002777

Protein Refseq NP_002768

MIM 177020

UniProt ID P24158

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