

Native Human PRTN3 Protein

Cat. No. PRTN3-243H Lot. No. (See product label)

SPECIFICATION

Product Overview	Native human PRTN3 protein purified from human neutrophils, prepared from whole blood shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA-required tests. Extinction Coefficient: 1.0
Species	Human
Source	Neutrophils
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	29 kDa
Purity	≥ 95% by SDS-PAGE.
Stability	> 1 year
Storage	≤ -70 centigrade
Storage Buffer	Frozen in 50 mM MES, pH 4.5 with 700 mM NaCl

GENE INFORMATION

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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_002777.4
Protein Refseq	NP_002768.3
MIM	177020
UniProt ID	P24158
SDS-PAGE	 <ol style="list-style-type: none"> 1. PR3 - 5 µg (reduced / heated) 2. PR3 - 10 µg (reduced / heated) 3. PR3 - 20 µg (reduced / heated)

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4. LMW Standard

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