

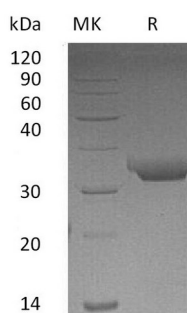
Product Name: Recombinant Human PRTN3 (C-6His)
Catalog #: PHH1392



Summary

Name	Proteinase 3/Myeloblastin/PRTN3
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Proteinase 3 is produced by our Mammalian expression system and the target gene encoding Ala26-Arg249 is expressed with a 6His tag at the C-terminus.
Accession #	P24158
Host	Human Cells
Species	Human
Predicted Molecular Mass	25.64 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 10mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	Myeloblastin; AGP7; C-ANCA Antigen; Leukocyte Proteinase 3; PR-3; PR3; Neutrophil Proteinase 4; NP-4; P29; Wegener Autoantigen; PRTN3; MBN
Background	Proteinase-3 is a neutral serine proteinase that belongs to the peptidase S1 family and Elastase subfamily. It contains one peptidase S1 domain and it is expressed

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mainly in neutrophil granulocytes. The primary function of Proteinase-3 is thought to be degradation of extracellular proteins at sites of inflammation, but excessive or prolonged proteolytic activity may cause harmful effects in the body. It is the epitope of anti-neutrophil cytoplasmic antibodies (ANCA) of the cANCA (cytoplasmic subtype) class, a type of antibody frequently found in the disease Wegeners granulomatosis.

Note

For Research Use Only , Not for Diagnostic Use.