

PRODUCT INFORMATION

Target	PRTN3
Synonyms	ACPA;AGP7;C-ANCA;CANCA;MBN;MBT;NP-4;NP4;P29;PR-3;PR3
Description	Recombinant Human PRTN3 Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P24158
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	PRTN3(Ala26-Pro256) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 26.2 kDa after removal of the signal peptide. The apparent molecular mass of PRTN3-His is approximately 25-35 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
Background	Serine protease that degrades elastin, fibronectin, laminin, vitronectin, and collagen types I, III, and IV (in vitro) (PubMed:3198760, PubMed:2033050, PubMed:28240246). By cleaving and activating receptor F2RL1/PAR-2, enhances endothelial cell barrier function and thus vascular integrity during neutrophil transendothelial migration (PubMed:23202369). May play a role in neutrophil transendothelial migration, probably when associated with CD177 (PubMed:22266279).[UniProtKB/Swiss-Prot Function]
Usage	Research use only
Conjugate	Unconjugated



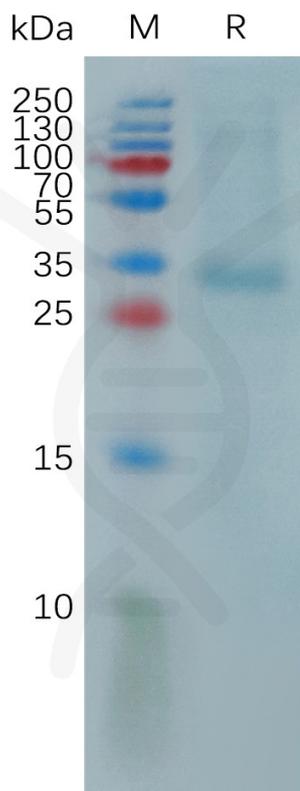


Figure 1. Human PRTN3 Protein, His Tag on SDS-PAGE under reducing condition.

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