

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.   |
| 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  |



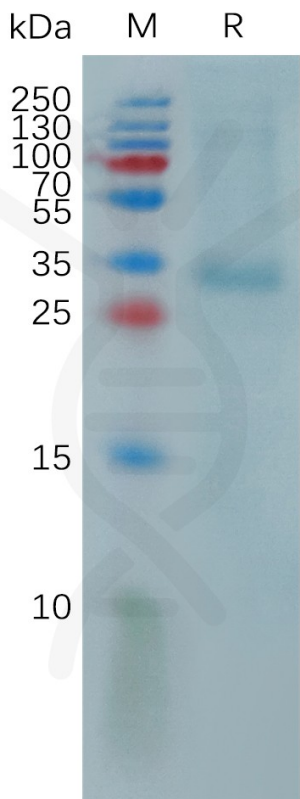


Figure 1. Human PRTN3 Protein, His Tag on SDS-PAGE under reducing condition.

