

32-18098: Recombinant Human PRTN3 Protein, His Tag

Uniprot ID : P24158

Alternative Name : ACPA; AGP7; C-ANCA; CANCA; MBN; MBT; NP-4; NP4; P29; PR-3; PR3

Description

Molecular Characterization: PRTN3(Ala26-Pro256) 6Å—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.

Description: Recombinant Human PRTN3 Protein with C-terminal 6Å—His tag

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]

Product Info

Amount : 100 µg / 50 µg

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : 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.