

Datasheet for ABIN7491243
PRTN3 Protein (AA 26-256) (His tag)



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1 Image

Overview

| | |
|-------------------------------|--|
| Quantity: | 100 µg |
| Target: | PRTN3 |
| Protein Characteristics: | AA 26-256 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This PRTN3 protein is labelled with His tag. |

Product Details

| | |
|------------------|---|
| Purpose: | Recombinant Human PRTN3 Protein with C-terminal 6xHis tag |
| Specificity: | PRTN3 (Ala26-Pro256) 6xHis tag |
| Characteristics: | Extracellular Domain Protein |
| Purification: | Purified from cell culture supernatant by affinity chromatography |
| Purity: | The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining. |

Target Details

| | |
|-------------------|--|
| Target: | PRTN3 |
| Alternative Name: | PRTN3 (PRTN3 Products) |
| Background: | Serine protease that degrades elastin, fibronectin, laminin, vitronectin, and collagen types I, III, |

Target Details

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]

Molecular Weight: predicted molecular mass of 26.2 kDa after removal of the signal peptide. The apparent molecular mass of PRTN3-His is 25-35 kDa due to glycosylation.

UniProt: [P24158](#)

Application Details

Restrictions: For Research Use only

Handling

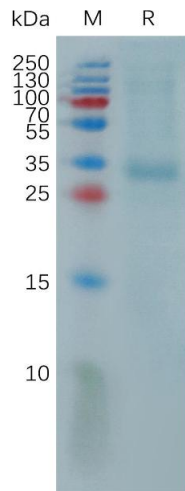
Format: Lyophilized

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

Storage: -20 °C,-80 °C

Storage Comment: 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.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human P Protein, His Tag on SDS-PAGE under reducing condition.