

## Recombinant Human PECAM1 protein, Fc-tagged

Cat. No. PECAM1-3122H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human PECAM1 protein( Gln 28 - Lys 601 ), fused with Fc tag, was expressed in HEK293.  |
| <b>Species</b>          | Human  |
| <b>Source</b>           | HEK293   |
| <b>ProteinLength</b>    | Gln 28 - Lys 601   |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.  |
| <b>Molecular Mass</b>   | This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 90.6 kDa. The protein migrates as 105-130 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.  |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.   |
| <b>Purity</b>           | >95% as determined by SDS-PAGE.  |
| <b>Storage</b>          | For long term storage, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution. |

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** PECAM1 platelet/endothelial cell adhesion molecule 1 [ Homo sapiens ]

**Official Symbol** PECAM1

**Synonyms** PECAM1; platelet/endothelial cell adhesion molecule 1; platelet/endothelial cell adhesion molecule; platelet endothelial cell adhesion molecule; CD31; CD31 antigen; PECA1; GPIIA; PECAM-1; endoCAM; CD31/EndoCAM; FLJ34100; FLJ58394;

**Gene ID** 5175

**mRNA Refseq** NM\_000442

**Protein Refseq** NP\_000433

**MIM** 173445

**UniProt ID** P16284

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