

## Recombinant Human PECAM1 Protein

Cat. No. PECAM1-01H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                                                                             |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant human PECAM1 protein without tag was expressed in E. coli.                                                                                                                                                                                                                                                                                      |
| Species          | Human                                                                                                                                                                                                                                                                                                                                                       |
| Source           | E.coli                                                                                                                                                                                                                                                                                                                                                      |
| Description      | The protein encoded by this gene is found on the surface of platelets, monocytes, neutrophils, and some types of T-cells, and makes up a large portion of endothelial cell intercellular junctions. The encoded protein is a member of the immunoglobulin superfamily and is likely involved in leukocyte migration, angiogenesis, and integrin activation. |
| Molecular Mass   | 13 kDa                                                                                                                                                                                                                                                                                                                                                      |
| AA Sequence      | LRKAKAKQMPVEMSRPAVPLLNSNNEKMSDPNMEANSHYGHNDVVRNHAMKPIND<br>NKEPLNSDVQYTEVQVSSAESHKDLGKKDTETVYSEVRKAVPD AVESRYSRTEGSL<br>DGT                                                                                                                                                                                                                                 |
| Purity           | > 90 % by SDS-PAGE                                                                                                                                                                                                                                                                                                                                          |
| Storage          | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                         |
| Concentration    | 1.0 mg/mL                                                                                                                                                                                                                                                                                                                                                   |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage Buffer** 50 mM Tris-Acetate, pH 7.5, 1 mM EDTA and 10% Glycerol

## GENE INFORMATION

**Gene Name** [PECAM1 platelet and endothelial cell adhesion molecule 1 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [PECAM1](#)

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

**Gene ID** [5175](#)

**mRNA Refseq** [NM\\_000442](#)

**Protein Refseq** [NP\\_000433](#)

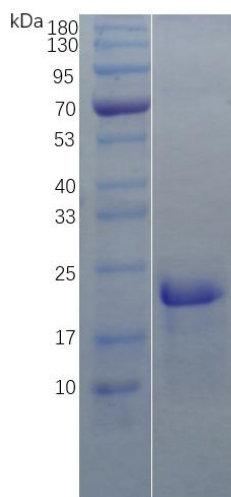
**MIM** [173445](#)

**UniProt ID** [P16284](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**SDS-PAGE**

Reducing SDS-PAGE analysis profile of purified CD31 (CBB stained)

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA