

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 NKEPLNSDVQYTEVQVSSAESHKDLGKKDTETVYSEVRKAVPD AVESRYSRTEGSL 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

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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](#)

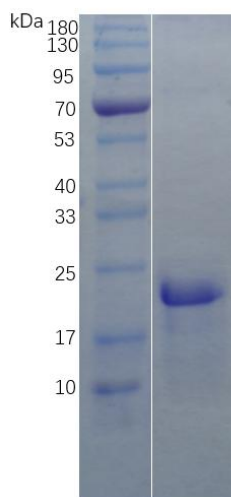
UniProt ID [P16284](#)

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SDS-PAGE



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

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