

Recombinant Human PECAM1 protein

Cat. No. PECAM1-646H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PECAM1 protein(EAW94208.1)(Met1-Lys 601) with five additional amino acids (DDDDK) at the C-terminus was expressed and purified in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-601 aa
Form	Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5.
Molecular Mass	The recombinant human CD31 consists of 580 amino acids and has a predicted molecular mass of 65.1 kDa. As a result of glycosylation, the molecular mass of rhCD31 is approximately 115 kDa in SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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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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