

Recombinant Human PECAM1 protein, Fc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human PECAM1 protein(Gln 28 - Lys 601), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln 28 - Lys 601
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	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.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	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.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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]
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Official Symbol	PECAM1
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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
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mRNA Refseq	NM_000442
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Protein Refseq	NP_000433
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MIM	173445
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UniProt ID	P16284
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