

Recombinant Human PECAM1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PECAM1-5845H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PECAM1 MS Standard C13 and N15-labeled recombinant protein (NP_000433) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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	82.4 kDa
AA Sequence	MQPRWAQGATMWLGVLTLTLLCSSLEGQENSFTINSVDMKSLPDWTVQNGKNLTL QCFADVSTTSHVKPQHQMFLFYKDDVLFYNISSMKSTESYFIPEVRIYDSGTYKCTVIV NNKEKTTAEYQVLVEGVSPRVTLDDKKEAIQGGIVRVNCSVPPEEKAPIHFTIEKLELN EKMVKLKREKNSRDQNFVILEFPVEEQDRVLSFRCQARIISGIHMQTSESTKSELVTV TESFSTPKFHISPTGMIMEGAQLHIKCTIQVTHLAQEFPEIIQKDKAIVAHNRHGNKAV YSVMAMVEHSGNYTCKVESSRISKVSSIVVNITELFSKPELESSFTHLDQGERLNLSC SIPGAPPANFTIQKEDTIVSQTQDFTKIASKSDSGTYICTAGIDKVVKKSNTVQIVVCE MLSQPRISYDAQFEVIKGQTIEVRCEISISGTLPISYQLLKTSKVLENSTKNSNDPAVFK

 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

DNPTEDVEYQCVADNCHSHAKMLSEVLRVKVIAPVDEVQISILSSKVVESGEDIVLQC
 AVNEGSGPITYKFYREKEGKPFYQMTSNATQAFWTKQKANKEQEGEYYCTAFNRA
 NHASSVPRSKILTVRVILAPWKKGLIAVVIIGVIIALLIAAKCYFLRKAKAKQMPVEMSR
 PAVPLLNSNNEKMSDPNMEANSHYGHNDVGNHAMKPINDNKEPLNSDVQYTEVQ
 VSSAESHKDLGKKDTETVYSEVRKAVPD AVESRYSRTEGSLDGTTTRTRPLEQKLISE
 EDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

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](#)

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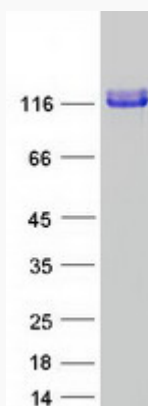
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Protein Refseq NP_000433

MIM 173445

UniProt ID P16284

SDS-PAGE



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