

Recombinant Full Length Human Platelet Endothelial Cell Adhesion Molecule(Pecam1) Protein, His-Tagged

Cat. No. RFL32357HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Human Platelet endothelial cell adhesion molecule(PECAM1) Protein (P16284) (28-738aa), fused to N-terminal His tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength Full Length of Mature Protein (28-738)

Form Lyophilized powder

AA Sequence

QENSFTINSVDMKSLPDWTVQNGKNLTLQCFADVSTTSHVKPQHQMFLFYKDDVLFY
 NISSMKSTESYFIPEVRIYDSGTYKCTVIVNNKEKTTAEYQLLVEGVSPRVTLDKKEA
 IQGGIVRVNCSVPEEKAPIHFTIEKLELNEKMVCLKREKNSRDQNFVILEFPVEEQDR
 VLSFRCQARIISGIHMQTSESTKSELVTVTESFSTPKFHISPTGMIMEGAQLHIKCTIQ
 VTHLAQEFPEIIIQKDKAIVAHNRHGKAVYSVMAMVEHSGNYTCKVESSRISKVSSI
 VVNITELFSKPELESSFTHLDQGERLNLSCSIPGAPPANFTIQKEDTIVSQTQDFTKIA
 SKSDSGTYICTAGIDKVVKSNTVQIVVCEMLSQPRISYDAQFEVIKQGTIEVRCESIS
 GTLPISYQLLKTSKVLENSTKNSNDPAVFKDNPTEDVEYQCVADNCHSHAKMLSEVL
 RVKVIAPVDEVQISILSSKVVESGEDIVLQCAVNEGSGPITYKIFYREKEGKPFYQMTS
 NATQAFWTKQKASKEQEGEYYCTAFNRANHASSVPRSKILTVRVILAPWKKGLIAVVI
 IGVIIALLIIAAKCYFLRKAKAKQMPVEMSRPAVPLLNSNNEKMSDPNMEANSHYGHN

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DDVRNHAMKPINDNKEPLNSDVQYTEVQVSSAESHKDLGKKDTETVYSEVRKAVPD
AVESRYSRTEGSLDGT

Purity Greater than 90% as determined by SDS-PAGE.

Applications SDS-PAGE

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name PECAM1

Synonyms PECAM1; Platelet endothelial cell adhesion molecule; PECAM-1; EndoCAM; GPIIA'; PECA1; CD antigen CD31

UniProt ID [P16284](https://www.uniprot.org/uniprot/P16284)

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