

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	QENSFTINSVDMKSLPDWTVQNGKNLTLCFADVSTTSHVKPQHQMFLFYKDDVLFY NISSMKSTESYFIPEVRIYDSGTYKCTVIVNNKEKTTAEYQLLVEGVSPRVTLDKKEA IQGGIVRVNCSVP EEKAPIHFTIEKLELNEK MVKLKREKNSRDQNFVILEFPVEEQDR VLSFRCQARIISGIHMQTSESTKSELVTVTESFSTPKFHISPTGMIMEGAQLHIKCTIQ VTHLAQEFPEIIQKDKAIVAHNRHG NKAVYSVMAMVEHSGNYTCKVESSRISKVSSI VVNITELFSKPELESSFTHLDQGERLNLSCSIPGAPPANFTIQKEDTIVSQTQDFTKIA SKSDSGTYICTAGIDKVVKKSNTVQIVVCEMLSQPRISYDAQFEVIKGQTIEVRCEIS GTLPISYQLLKT SKVLENSTKNSNDPAVFKDNPTEDVEYQCVADNCHSHAKMLSEVL RVKVIAPVDEVQISILSSKVVESGEDIVLQCAVNEGSGPITYKFYREKEGKPFYQMTS NATQAFWTKQKASKEQEGEYYCTAFNRANHASSVPRSKILT VRVILAPWKKGLIAVVI 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 mutiple 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