32-6519: PECAM1 Human

Alternative Name : Platelet endothelial cell adhesion molecule, PECAM1, CD31, CD31/EndoCAM, endoCAM, GPIIA', PECA1, PECAM-1, Platelet Endothelial Cell Adhesion Molecule 1.

Description

Source: Sf9, Baculovirus cells.
Sterile filtered colorless solution.
Platelet endothelial cell adhesion molecule (PECAM1) induces susceptibility to atherosclerosis. PECAM1 averts phagocyte ingestion of closely apposed viable cells by transmitting detachment signals, and transforms function upon apoptosis, thus promoting tethering of dying cells to phagocytes. The encounter of a viable cell with a phagocyte via the homophilic interaction of PECAM1 on both cell surfaces as a result causing the viable cell's active repulsion from the phagocyte.
PECAM1 Human Recombinant produced in Sf9 Baculovirus is a single, non-glycosylated polypeptide chain containing 582 amino acids (28-601a.a.) and having a molecular mass of 65.5kDa (Migrates at 70-100kDa on SDS-PAGE under reducing conditions).PECAM1 is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.Â

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	PECAM1 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	QENSFTINSV DMKSLPDWTV QNGKNLTLQC FADVSTTSHV KPQHQMLFYK DDVLFYNISS MKSTESYFIP EVRIYDSGTY KCTVIVNNKE KTTAEYQVLV EGVPSPRVTL DKKEAIQGGI VRVNCSVPEE KAPIHFTIEK LELNEKMVKL KREKNSRDQN FVILEFPVEE QDRVLSFRCQ ARIISGIHMQ TSESTKSELV TVTESFSTPK FHISPTGMIM EGAQLHIKCT IQVTHLAQEF PEIIIQKDKA IVAHNRHGNK AVYSVMAMVE HSGNYTCKVE SSRISKVSSI VVNITELFSK PELESSFTHL DQGERLNLSC SIPGAPPANF TIQKEDTIVS QTQDFTKIAS KSDSGTYICT AGIDKVVKKS NTVQIVVCEM LSQPRISYDA QFEVIKGQTI EVRCESISGT LPISYQLLKT SKVLENSTKN SNDPAVFKDN PTEDVEYQCV ADNCHSHAKM LSEVLRVKVI APVDEVQISI LSSKVVESGE DIVLQCAVNE GSGPITYKFY REKEGKPFYQ MTSNATQAFW TKQKASKEQE GEYYCTAFNR ANHASSVPRS KILTVRVILA PWKKVEHHHH HH.

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