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# PECAM1 Human

*Platelet Endothelial Cell Adhesion Molecule 1 Human Recombinant*
*CYK0494*

## Product Overview

| | |
|---|---|
| Name | PECAM1 Human |

**Description**

Platelet Endothelial Cell Adhesion Molecule 1 Human Recombinant

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|---|---|
| Accession (Primary) | P16284 |

**Synonyms**

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

**Introduction**

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.

**Source**

Sf9, Baculovirus cells.

**Physical Appearance**

Sterile filtered colorless solution.

**Formulation**

PECAM1 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Stability**

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.

**Purity**

Greater than 95.0% as determined by SDS-PAGE.

**Amino acid sequence**

QENSFTINSV DMKSLPDWTV QNGKNLTLQC FADVSTTSHV KPQHQMLFYK DDVLFYNISS MKSTESYFIP EVRIYDSGTY KCTVIVNNKE KTTAEYQVLV EGVPSPRVTL DKKEAIQGGI VRVNCSVPEE KAPIHFTIEK LELNEKMVKL KREKNSRDQN FVILEFPVEE QDRVLSFRCQ ARIISGIHMQ TSESTKSELV TVTESFSTPK

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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 PWKK VEHHHH HH .

**Precautions**

PECAM1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( P16284 )