

Product Information

MemDX™ Membrane Protein Human PECAM1 (Platelet and endothelial cell adhesion molecule 1) Full Length

Cat. No.: **MPC1810K**

This product is for research use only and is not intended for diagnostic use.

This product is a 82.5 kDa Human PECAM1 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

PECAM1

Protein Length

Full length

Protein Class

Cell adhesion

Molecular Weight

82.5 kDa

TMD

1

Sequence

MQPRWAQGATMWLGVLTLTLLCSSLEGQENSFTINSVDMKSLPDWTVQNG
KNLTLQCFADVSTTSHVKPQHQLFYKDDVLFYNISSMKSTESYFIPEVR
IYDSGTYKCTVIVNNKEKTTAEYQVLVEGVSPRVTLDKKEAIQGGIVRV
NCSVPEEKAPIHFTIEKLELNEKMKVCLKREKNSRDQNFVILEFPVEEQDR
VLSFRCQARIISGIHMQTSESTKSELVTVTESFSTPKFHISPTGMIMEGA
QLHIKCTIQVTHLAQEFPEIIQKDKAIVAHNRHGNKAVYSVMAMVEHSG
NYTCKVESSRISKVSSIVVNITELFSKPELESSFTHLDQGERLNLSCSIP
GAPPANFTIQKEDTIVSQTQDFTKIASKSDSGTYICTAGIDKVVKKSNTV
QIVVCEMLSQPRISYDAQFEVIKGGQTIEVRCEISISGTLPISYQLLKTSKV
LENSTKNSNDPAVFKDNPTEDVEYQCVADNCHSHAKMLSEVLRVKVIAPV
DEVQISILSSKVVESGEDIVLQCAVNEGSGPITYKFYREKEGKPFYQMTS
NATQAFWTKQKASKEQEGEYYCTAFNRANHASSVPRSKILTVRVILAPWK
KGLIAVVIIGVIIALLIAAKCYFLRKAKAKQMPVEMSRPAVPLLNSNNE
KMSDPNMEANSHYGHNDVVRNHAMKPINDNKEPLNSDVQYTEVQVSSAES
HKDLGKKDTETVYSEVRKAVPDAVESRYSRTEGSLDGT

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

PECAM1

Full Name

Platelet and endothelial cell adhesion molecule 1

Introduction

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.

Alternative Names

PECAM1; CD31; PECA1; GPIIA'; PECAM-1; endoCAM; CD31/EndoCAM; platelet endothelial cell adhesion molecule; CD31 antigen; platelet endothelial cell adhesion molecule-1; Platelet and endothelial cell adhesion molecule 1

Gene ID

[5175](#)

UniProt ID

[P16284](#)