

Product Information

MemDX™ Membrane Protein Human PECAM1 (Platelet and endothelial cell adhesion molecule 1) for Antibody Discovery

Cat. No.: **MP1210J**

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

This product is a 82.4 kDa Human PECAM1 membrane protein expressed in HEK293T. 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

Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Molecular Weight

82.4 kDa

TMD

1

Sequence

MQPRWAQGATMWLGVLTLTLLCSSLEGQENSFTINSVDMKSLPDWTVQNGKNLTLQCFADVSTTSHVKPQ
HQMFLFYKDDVLFYNISSMKSTESYFIPEVRIYDSGTYKCTVIVNNKEKTTAEYQVLVEGVSPRVTLDDK
EAIQGGIVRVNCSVP EEKAPIHFTIEKLELNEKMMVKLREKNSRDQNFVILEFPVEEQDRVLSFRCQARI
ISGIHMQTSESTKSELVTVTESFSTPKFHISPTGMIMEGAQLHIKCTIQVTHLAQEFPEIIQKDKAIVA
HNRHGNKAVYSVMAMVEHSGNYTCKVESSRISKVSSIVVNITELFSKPELESSFTHLDQGERLNLSCSIP
GAPPANFTIQKEDTIVSQTDFTKIASKSDSGTYICTAGIDKVVKKSNTVQIVVCEMLSQPRISYDAQFE
VIKGQTIEVRCEISGTLPISYQLLKT SKVLENSTKNSNDPAVFKDNPTEDVEYQCVADNCHSHAKMLSE
VLRVKVIAPVDEVQISILSSKVVESGEDIVLQCAVNEGSGPITYKFYREKEGKPFYQMTSNATQAFWTKQ
KANKEQEGEYYCTAFNRANHASSVPRSKILTVRVILAPWKKGLIAVVIIIGVIIALLIIAAKCYFLRKAKA
KQMPVEMSRPAVPLLNSNNEKMSPDNMEANSHYGHNDVDGNHAMKPINDNKEPLNSDVQYTEVQVSSAES
HKDLGKKDTETVYSEVRKAVPD AVESRYSRTEGSLDGT

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

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

CD31; CD31/EndoCAM; endoCAM; GPIIA ; PECA1; PECAM-1

Gene ID

[5175](#)

UniProt ID

[P16284](#)