

Product Information

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

Cat. No.: **MP0152Q**

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

This product is a 65.5 kDa Human PECAM1 membrane protein expressed in Insect. 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

Partial

Protein Class

Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Molecular Weight

65.5 kDa

TMD

1

Sequence

MQPRWAQGATMWLGVLTLTLLCSSLEGQENSFTINSVDMKSLPDWTVQNGKNLTLQCFAD
VSTTSHVKPQHQMFLFYKDDVLFYNISSMKSTESYFIPEVRIYDSGTYKCTVIVNNKEKTT
AEYQVLVEGVSPRVTLDKKEAIQGGIVRVNCSVPEEKAPIHFTIEKLELNEKMKVCLKRE
KNSRDQNFVILEFPVEEQDRVLSFRCQARIISGIHMQTSESTKSELVTVTESFSTPKFHI
SPTGMIMEGAQLHIKCTIQVTHLAQEFPEIIQKDKAIVAHNRHGKNKAVYSVMAMVEHSG
NYTCKVESSRISKVSSIVVNITELFSKPELESSFTHLDQGERLNLSCSIPGAPPANFTIQ
KEDTIVSQTDFTKIASKSDSGTYICTAGIDKVVKKSN TVQIVVCEMLSQPRISYDAQFE
VIKGQTIEVRCEISGTLPISYQLLKT SKVLENSTKNSNDPAVFKDNPTEDVEYQCVADN
CHSHAKMLSEVLRVKVIAPVDEVQISILSSKVVESGEDIVLQCAVNEGSGPITYKFYREK
EGKPFYQMTSNATQAFWTKQKASKEQEGEYYCTAFNRANHASSVPRSKILT VRVILAPWK
KGLIAVVIIGVIIALLIAAKCYFLRKAKAKQMPVEMSRPAVPLLNSNNEKMSPDNMEAN
SHYGHNDVVRNHAMKPINDNKEPLNSDVQYTEVQVSSAESHKDLGKKDTETVYSEVRKAV
PDAVESRYSRTEGSLDGT

Product Description

Expression Systems

Insect

Tag

His

Form

Powder

Endotoxin

< 1.0 EU per 1 microgram of protein

Purity

>95% by SDS - PAGE

Buffer

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; platelet endothelial cell adhesion molecule; CD31 antigen; platelet endothelial cell adhesion molecule-1; PECAM-1; GPIIA'; PECA1

Gene ID

[5175](#)

UniProt ID

[P16284](#)