

Product Information

MemDX™ Membrane Protein Human PECAM1 (Platelet and endothelial cell adhesion molecule 1) Expressed *in vitro* E.coli expression system, Full Length of Mature Protein

Cat. No.: **MPX4010K**

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

This product is a Human PECAM1 membrane protein expressed *in vitro* E.coli expression system. 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 of Mature Protein

Protein Class

Cell adhesion

TMD

1

Sequence

QENSFTINSVDMKSLPDWTVQNGKNLTLQCFADVSTTSHVKPQHQMFLFYKDDVLFYNISSMKSTESYFIPEVRIYDSGTYKCTVIVN

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°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](#)