

Product Information

MemDX™ Membrane Protein Human CD226 (CD226 molecule) for Antibody Discovery

Cat. No.: **MP0701J**

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

This product is a 36.5 kDa Human CD226 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

CD226

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

36.5 kDa

TMD

1

Sequence

MDYPTLLLALLHVYRALCEEVLWHTSVPFENMSLECVYPSMGILTQVEWFKIGTQQDSIAIFSPTHGMV
IRKPYAERVYFLNSTMASNNMTLFFRNASEDDVGYYSCSLYTPQGTWQKVIQVQSDSFEAAVPSNSHI
VSEPGKNVTLTCQPQMTWPVQAVRWEKIQRQIDLLTYCNLVHGRNFTSKFPRQIVSNC SHGRWSVIVIP
DVTVSDSGLYRCYLQASAGENETFVMRLTVAEGKTDNQYTLFVAGGTVLLLLFVISITTIIVIFLNRRRR
RERRDLFTESWDTQKAPNNYRSPISGTGQPTNQSMDDTREDIYVNYPTFSRRPKTRV

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**

CD226

Full Name

CD226 molecule

Introduction

This gene encodes a glycoprotein expressed on the surface of NK cells, platelets, monocytes and a subset of T cells. It is a member of the Ig-superfamily containing 2 Ig-like domains of the V-set. The protein mediates cellular adhesion of platelets and megakaryocytic cells to vascular endothelial cells. The protein also plays a role in megakaryocytic cell maturation. Alternative splicing results in multiple transcript variants.

Alternative Names

PTA1; DNAM1; DNAM-1; TLI SA1

Gene ID

[10666](#)

UniProt ID

[Q15762](#)