

Product Information

MemDX™ Membrane Protein Human CD226 (CD226 molecule) Expressed in CHO for

Antibody Discovery, Partial (19-247aa)

Cat. No.: **MPX0622K**

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

This product is a 55 kDa Human CD226 membrane protein expressed in CHO. 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

Partial (19-247aa)

Protein Class

Cell adhesion

Molecular Weight

55 kDa

TMD

1

Sequence

EEVLWHTSVFPAENMSLECVYPSMGILTQVEW
FKIGTQQDSIAIFSPTHGMVIRKPYAERVYFLNSTMASNNMTLFFRNASE
DDVGYYSCSLYTPQGTWQKVIQVVQSDSFEEAVPSNSHIVSEPGKNVTL
TCQPQMTWPVQAVRWEKIQPRQIDLLTYCNLVHGRNFTSKFPRQIVSNCS
HGRWSVIVIPDVTVSDSGLYRCYLQASAGENETFVMRLTVAEGKTDN

Product Description

Activity

Yes

Expression Systems

CHO

Tag

hIgG1 Fc and Avi tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 500 µg/mL in PBS.

Endotoxin

<0.10 EU per 1 µg of the protein by the LAL method.

Purity

>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.

Buffer

Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.

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**

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

CD226; PTA1; DNAM1; DNAM-1; TLISA1; CD226 antigen; DNAX accessory molecule-1; T lineage-specific activation antigen 1 antigen; adhesion glycoprotein; platelet and T cell activation antigen 1; CD226 molecule

Gene ID

[10666](#)

UniProt ID

[Q15762](#)