

Product Information

MemDX™ Membrane Protein Human ICAM3 (Intercellular adhesion molecule 3) Expressed in NS0 for Antibody Discovery, Partial (30-485aa)

Cat. No.: **MPX0505K**

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

This product is a 76.7 kDa Human ICAM3 membrane protein expressed in NS0. 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

ICAM3

Protein Length

Partial (30-485aa)

Protein Class

Cell adhesion

Molecular Weight

76.7 kDa

TMD

1

Sequence

QEFLLRVEPQNPNVLSAGGSLF
VNCSTDCPSSEKIALETSLSKELVASGMGWAAFNLNSVTGNSRILCSVYC
NGSQITGSSNITVYRLPERVELAPLPPWQPVGQNFTRLRCQVEDGSPRTSL
TVVLLRWEELSRQPAVEEPAEVTATVLASRDDHGAPFSCRTELDMQPQG
LGLFVNLSAPRQLRTFVLPVTPPRLVAPRFLEVETSWPVDCTLDGLFPAS
EAQVYLALGDQMLNATVMNHGDTLTATATATARADQEGAREIVCNVTLGG
ERREARENLTVFSFLGPIVNLSEPTAHEGSTVTVSCMAGARVQVTLDGVP
AAPGQPAQLQLNATESDDGRSFFCSATLEVDFEFLHRNSSVQLRVLYGP
KIDRATCPQHLKWKDKTRHVLQCQARGNPYPELRCLKEGSSREVPVGIPF
FVNVTHNGTYQCQASSSRGKYTLVVVMDIEAGSSH

Product Description

Activity

Yes

Expression Systems

NS0

Tag

hIgG1 Fc and 6xHis tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 1 mg/mL in sterile, deionized water.

Endotoxin

<1.0 EU per 1 µg of the protein by the LAL method.

Purity

>95%, by SDS-PAGE under reducing conditions and visualized by silver stain

Buffer

Lyophilized from a 0.2 µm filtered solution in PBS.

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

ICAM3

Full Name

Intercellular adhesion molecule 3

Introduction

The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is constitutively and abundantly expressed by all leucocytes and may be the most important ligand for LFA-1 in the initiation of the immune response. It functions not only as an adhesion molecule, but also as a potent signalling molecule. Alternative splicing results in multiple transcript variants encoding different isoforms.

Alternative Names

ICAM3; CD50; CDW50; ICAM-R; ICAM-3; Intercellular adhesion molecule 3

Gene ID

[3385](#)

UniProt ID

[P32942](#)