

Product Information

MemDX™ Membrane Protein Human ICAM3 (Intercellular adhesion molecule 3) Full Length

Cat. No.: **MPC2973K**

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

This product is a made-to-order Human ICAM3 membrane protein expressed in HEK293. 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

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MATMVPSVLWPRACWTLLVCCLLTPGVQGGQEFLLRVEPQNPVLSAGGSLF
VNCSTDCPSSEKIALETSLSKELVASGMGWAAFNLNVTGNSRILCSVYC
NGSQITGSSNITVYRLPERVELAPLPWPVQGNFTLRCQVEDGSPRTSL
TVVLLRWEELSRQPAVEEPAEVTATVLASRDDHGAPFSCRTSLDMQPPQG
LGLFVNTSAPRQLRTFVLPVTPPRLVAPRFLEVETSWPVDCTLDGLFPAS
EAQVYLALGDQMLNATVMNHGDTLTATATATARADQEGAREIVCNVTLGG
ERREARENLTVFSFLGPIVNLSEPTAHEGSTVTVSCMAGARVQVTLDGVP
AAAPGQPAQLQLNATESDDGRSFFCSATLEVDGEFLHRNSSVQLRVLYGP
KIDRATCPQHLKWKDKTRHVLQCQARGNPYPELRCLKEGSSREVPVGIPF
FVNVTHNGTYQCCASSSRGKYTLVVMDIEAGSSHFVPVFVAVLLTLGVV
TIVLALMYVFREHQRSGSYHVREESTYLPLTSMQPTEAMGEEPSRAE

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°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](#)