

Product Information

MemDX™ Membrane Protein Human ICAM2 (Intercellular adhesion molecule 2) for Antibody

Discovery

Cat. No.: **MP1170J**

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

This product is a 28.3 kDa Human ICAM2 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

ICAM2

Protein Length

Full-length

Protein Class

ES Cell Differentiation/IPS, Transmembrane

Molecular Weight

28.3 kDa

TMD

1

Sequence

MSSFGYRTLTVLFTLICCPGSDEKVFVHVRPKKLAVEPKGSLEVNCSTTCNQPEVGGLETSLDKILLD
EQAQWKHYLVSNISHDTVLQCHFTCSGKQESMNSNVSVYQPPRQVILTLQPTLVAVGKSFTIECRVPTVE
PLDSLTLFLFRGNETLHYETFGKAAPAPQEATATFNSTADREDGHRNFSCLAVLDLMSRGGNIFHKHSAP
KMLEIYEPVSDSQMVIIVTVVSVLLSLFVTSVLLCFIFGQHRLRQRMGTYGVRAAWRRLPQAFRP

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**

ICAM2

Full Name

Intercellular adhesion molecule 2

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 may play a role in lymphocyte recirculation by blocking LFA-1-dependent cell adhesion. It mediates adhesive interactions important for antigen-specific immune response, NK-cell mediated clearance, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance. Several transcript variants encoding the same protein have been found for this gene.

Alternative Names

CD102

Gene ID

[3384](#)

UniProt ID

[P13598](#)