

Product Information

MemDX™ Membrane Protein Human ICAM3 (Intercellular adhesion molecule 3) Expressed *in vitro* E.coli expression system, Full Length of Mature Protein

Cat. No.: **MPX3956K**

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

This product is a Human ICAM3 membrane protein expressed *in vitro* E.coli expression system. 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 of Mature Protein

Protein Class

Cell adhesion

TMD

1

Sequence

QEFLLRVEPQNPVLSAGGSLFVNCSTDCPSSEKIALETSLSKELVASGMGWAAFNLNVTGNSRILCSVYCNGSQITGSSNITVYRL

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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](#)