

## Product Information

### **MemDX™ Membrane Protein Human ICAM4 (Intercellular adhesion molecule 4 (Landsteiner-Wiener blood group)) for Antibody Discovery**

Cat. No.: **MP0737J**

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

This product is a 27.4 kDa Human ICAM4 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**

ICAM4

##### **Protein Length**

Full-length

##### **Protein Class**

Secreted Protein, Transmembrane

##### **Molecular Weight**

27.4 kDa

##### **TMD**

1

##### **Sequence**

MGSLFPLSLLFFLAAAYPGVGSALGRRTKRAQSPKGSPLAPSGTSVPFWVRMSPEFVAVQPGKSVQLNCS  
NSCPQPQNSSLRTPLRQGKTLRGPGWVSYQLLDVRAWSSLAHCLVTCAGKTRWATSRITAYSVPGGLLGG  
DPEAWKPGHLFRKPGALHRPGSGQRDLRLVCCWTPRLLAARDLPRAPQSRRPGGPQQLGTHYTDARLEP  
RAHSFGLRFHRCPCRDPHCGRCVPMQVPSYEVPGVKGDVLCRLSEKKRNMKQSGEMAIHGG

#### 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**

ICAM4

**Full Name**

Intercellular adhesion molecule 4 (Landsteiner-Wiener blood group)

**Introduction**

This gene encodes the Landsteiner-Wiener (LW) blood group antigen(s) that belongs to the immunoglobulin (Ig) superfamily, and that shares similarity with the intercellular adhesion molecule (ICAM) protein family. This ICAM protein contains 2 Ig-like C2-type domains and binds to the leukocyte adhesion LFA-1 protein. The molecular basis of the LW(A)/LW(B) blood group antigens is a single aa variation at position 100; Gln-100=LW(A) and Arg-100=LW(B). Alternative splicing results in multiple transcript variants encoding distinct isoforms.

**Alternative Names**

LW; CD242

**Gene ID**

[3386](#)

**UniProt ID**

[Q14773](#)