

Product Information

MemDX™ Membrane Protein Human ICAM4 (Intercellular adhesion molecule 4 (Landsteiner-Wiener blood group)) Full Length

Cat. No.: **MPC4225K**

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

This product is a made-to-order Human ICAM4 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

ICAM4

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MGSLFPLSLLFFLAAAYPGVGSALGRRTKRAQSPKGSPLAPSGTSVPFWV
RMSPEFVAVQPGKSVQLNCSNCPQPQNSSLRTPLRQGKTLRGPGWVSQ
LLDVRAWSSLAHCLVTCAGKTRWATSRITAYKPPHSVILEPPVLKGRKYT
LRCHVTQVFPVGYLVVTLRHGSRVIYSESLEFRTGLDLANVTLTYEFAAG
PRDFWQPVICHARLNLDGLVVRNSSAPITLMLAWSPAPTALASGSIAALV
GILLTVGAAYLCKCLAMKSQA

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**

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

ICAM4; LW; CD242; CD242 antigen; LW antigen a; Landsteiner-Wiener blood group antigen a; Landsteiner-Wiener blood group glycoprotein; intercellular adhesion molecule 4 (LW blood group); Intercellular adhesion molecule 4 (Landsteiner-Wiener blood group)

Gene ID

[3386](#)

UniProt ID

[Q14773](#)