

Proteoliposomes

Full-Length

ICAM4 (Human) Recombinant Protein

Catalog # H00003386-G01

Size 10 ug

Specification

Product Description

Human ICAM4 full-length ORF (NP_001034221.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MGSLFPLSLLFFLAAAYPGVGSALGRRTKRAQSPKGSPLAPSGTSVPFWVRMSPEFVAVQPGK
SVQLNCSNSCPQPQNSSLRTPLRQGKTLRGPGWVSQLLDVRAWSSLAHCLVTCAGKTRWATS
RITAYSVPGGLLGGDPEAWKPGHLFRKPGALHRPGSGQRDLRLVCCWTPRLLAARDLPRAPQ
SRRPGGPQQLGTHYTDARLEPRAHSFGLRFHRCPCRDPPHCGRCVPMQVPSYEVPGVKGDVL
CRLSEKKRNMKQSGEMAIHGG

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

29.6

Interspecies Antigen Sequence

Mouse (59); Rat (67)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — ICAM4

Entrez GeneID [3386](#)

GeneBank Accession# [NM_001039132.1](#)

Protein Accession# [NP_001034221.1](#)

Gene Name ICAM4

Gene Alias CD242, LW

Gene Description intercellular adhesion molecule 4 (Landsteiner-Wiener blood group)

Omim ID [111250](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations CD242 antigen|Landsteiner-Wiener blood group antigen a|Landsteiner-Wiener blood group glycoprotein|intercellular adhesion molecule 4|intercellular adhesion molecule 4 (LW blood group)

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