

Recombinant Full Length Human ICAM4 Protein, C-Flag-tagged

Cat. No. ICAM4-1357HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ICAM4 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	27.4 kDa
AA Sequence	MGSLFPLSLLFFLAAAYPGVGSALGRRTKRAQSPKGSPLAPSGTSVPFWVRMSPEF VAVQPGKSVQLNCS NSCPQPQNSSLRTPLRQGKTLRGPGWVS YQLLDVRAWSSL AHCLVTCAGKTRWATSRITAYSVP GGLLGG DPEAWKPGHLFRKPGALHRPGSGQR DLDLRVCCWTPRLLAARDLPRAPQSRRPGGPQLGTHYTDARLEP RAHSFGLRFHRCPCRDPPHCGRCVPMQVPSYEVPGVKGDVLCRLSEKKRNMKQS

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	GEMAIHGGTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Secreted Protein, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	ICAM4 intercellular adhesion molecule 4 (Landsteiner-Wiener blood group) [Homo sapiens (human)]
Official Symbol	ICAM4
Synonyms	LW; CD242
Gene ID	3386
mRNA Refseq	NM_001039132.3

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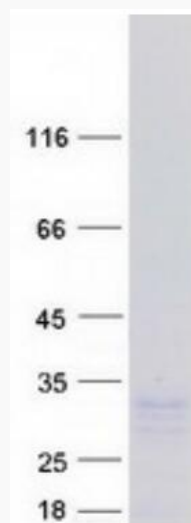
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Protein Refseq NP_001034221.1

MIM 614088

UniProt ID Q14773



Coomassie blue staining of purified ICAM4 protein.

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