

Product datasheet for **TP300636M**

ICAM4 (NM_001039132) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human intercellular adhesion molecule 4 (Landsteiner-Wiener blood group) (ICAM4), transcript variant 3, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200636 protein sequence Red =Cloning site Green =Tags(s)
	<p>MGSLFPLSLLFFLAAAYPGVGSALGRRTKRAQSPKGSPLAPSGTSVPFWWRMSPEFVAVQPGKSVQLNCS NSCPQPQNSSLRTPLRQGKTLRPGWVSYQLLDVRAWSSLAHCLVTCAGKTRWATSRTAYSVPGLLGG DPEAWKPGHLFRKPGALHRPGSGQRDLDRVCCWTPRLLAARDLPRAPQSRPPGGPQQLGTHYTDARLEP RAHSFGLRFHRCPCRDPPHCGRCVPMQVPSYEVPGVKGDVLCRLSEKKRNMKQSGEMAIHGG</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	27.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001034221</u>
Locus ID:	3386



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UniProt ID: [Q14773](#), [U5U6P8](#)

RefSeq Size: 1277

Cytogenetics: 19p13.2

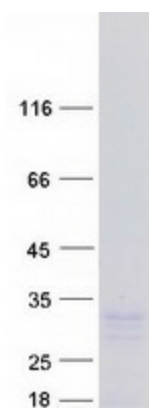
RefSeq ORF: 816

Synonyms: CD242; LW

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, Jul 2008]

Protein Families: Secreted Protein, Transmembrane

Product images:



Coomassie blue staining of purified ICAM4 protein (Cat# [TP300636]). The protein was produced from HEK293T cells transfected with ICAM4 cDNA clone (Cat# [RC200636]) using MegaTran 2.0 (Cat# [TT210002]).