

Product datasheet for PH300636

ICAM4 (NM_001039132) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ICAM4 MS Standard C13 and N15-labeled recombinant protein (NP_001034221)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200636
Predicted MW:	29.6 kDa
Protein Sequence:	>RC200636 protein sequence Red=Cloning site Green=Tags(s) MGSLLFPLSLLFFLAAAYPGVGSALGRRTKRAQSPKGSPLAPSGTSVFPFVWRMSPEFVAVQPGKSVQLNCS NSCPQPQNSSLRTPLRQGKTLRGPGWVSQQLLDVRAWSSLAHCLVTCAGKTRWATSRITAYSVPGLLGG DPEAWKPGHLFRKPGALHRPGSGQRDLRLVCCWTPRLLAARDLPRAPQSRRPQGGPQQLGTHYTDARLEP RAHSFGLRFHRCPCRDPPHCGRCVPMQVPSYEVPGVKGDVLCRLSEKRNMKQSGEMAIHGG TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001034221
RefSeq Size:	1277
RefSeq ORF:	816
Synonyms:	CD242; LW
Locus ID:	3386
UniProt ID:	Q14773 , U5U6P8



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Cytogenetics: 19p13.2

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]).