

## **Product datasheet for PH300636**

## OriGene Technologies, Inc.

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## 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:HumanExpression Host:HEK293

Expression cDNA Clone

RC200636

or AA Sequence: Predicted MW:

29.6 kDa

Protein Sequence: >RC200636 protein sequence

Red=Cloning site Green=Tags(s)

MGSLFPLSLLFFLAAAYPGVGSALGRRTKRAQSPKGSPLAPSGTSVPFWVRMSPEFVAVQPGKSVQLNCS NSCPQPQNSSLRTPLRQGKTLRGPGWVSYQLLDVRAWSSLAHCLVTCAGKTRWATSRITAYSVPGGLLGG DPEAWKPGHLFRKPGALHRPGSGQRDLDLRVCCWTPRLLAARDLPRAPQSRRPGGPQQLGTHYTDARLEP

RAHSFGLRFHRCPCRDPPHCGRCVPMQVPSYEVPGVKGDVLCRLSEKKRNMKQSGEMAIHGG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:** <u>Q14773</u>, <u>U5U6P8</u>





Cytogenetics: 19p13.2

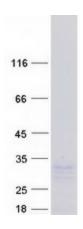
Summary: This gene encodes the Landsteiner-Wiener (LW) blood group antigen(s) that belongs to the

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]).