

## Product datasheet for PH300714

### ICAM1 (NM\_000201) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ICAM1 MS Standard C13 and N15-labeled recombinant protein (NP_000192)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200714
Predicted MW:	57.83 kDa
Protein Sequence:	>RC200714 representing NM_000201 Red=Cloning site Green=Tags(s)

MAPSSRPALPALLVLLGALFPGPGNAQTSVSPSKVILPRGGSVLVTCSTSCDQPKLLGIETPLPKKELL  
LPGNNRKVYELSNVQEDSQPMCYSNCPDQSTAKTFLTVYWTPERVELAPLPSWQPVGKNLTLRCQVEGG  
APRANLTVVLLRGEKELKREPAVGEPAEVTTTTLVRRDHHGANFSCRTELDLRPQGLELFENTSAPYQLQ  
TFVLPATPPQLVSPRVLEVDTQGTVVCSLDGLFPVSEAVHLALGDQRLNPTVTYGNDSFSAKASVSVTA  
EDEGTQRLTCAVILGNQSQETLQVTIYSFPAPNVILTKPEVSEGTEVTVKCEAHPRAKVTLNGVPAQPL  
GPRAQLLLKATPEDNGRSFSCSATLEVAGQLIHKNQTRRLVLYGPRLDERDCPGNWTWPENSQQTPMCQ  
AWGNPLPELKCLKDGTFFPLPIGESVTVTRDLEGTYLCRARSTQGEVTRETVNVLSPRYEIVIIITVAAA  
VIMGTAGLSTYLYNRQRKIKKYRLQQAQKGTMPKPNTQATPP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

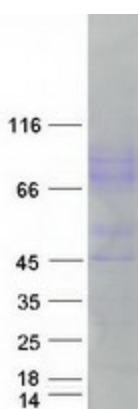
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<u>NP_000192</u>
RefSeq Size:	2986
RefSeq ORF:	1596



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<b>Synonyms:</b>	BB2; CD54; P3.58
<b>Locus ID:</b>	3383
<b>UniProt ID:</b>	<a href="#">P05362</a> , <a href="#">A0A384MEK5</a>
<b>Cytogenetics:</b>	19p13.2
<b>Summary:</b>	This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus as a receptor. [provided by RefSeq, Jul 2008]
<b>Protein Families:</b>	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane
<b>Protein Pathways:</b>	Cell adhesion molecules (CAMs), Leukocyte transendothelial migration, Natural killer cell mediated cytotoxicity, Viral myocarditis

### Product images:



Coomassie blue staining of purified ICAM1 protein (Cat# [TP300714]). The protein was produced from HEK293T cells transfected with ICAM1 cDNA clone (Cat# [RC200714]) using MegaTran 2.0 (Cat# [TT210002]).