

Product datasheet for TP300714

ICAM1 (NM_000201) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens intercellular adhesion molecule 1 (ICAM1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200714 representing NM_000201 Red=Cloning site Green=Tags(s)

MAPSSRPALPALLVLLGALFPGPGNAQTSVSPSKVILPRGGSVLVCSTSCDQPKLLGIETPLPKKELL
LPGNNRKVYELSNVQEDSQPMCYSNCPDGQSTAKTFLTVYWTPELAPLPSWQPVGKNLTLRCQVEG
G
APRANLTVLLRGEKELKREPAVGEPAEVTTTLVRRDHHGANFSCRTELDLPQGLELFENTSAPYQLQ
TFVLPATPPQLVSPRVLEVDTQGTWCSDLGLFPVSEAQVHLALGDQRLNPTVYGNDSFSAKASVSUTA
EDEGTQRLTCAVILGNQSQETLQTVTIYSFPAPNVILTKEVSEGEVTVKCEAHPRAKVTLNGVPAQPL
GPRAQLLLKATPEDNGRSFSCSATLEVAGQLIHKNTRELRLVYGPRLDERDCPGNWTWPENSQQTPMC
Q
AWGNLPELKCLKDGTFLPIGESVTVRDLEGTYLCRARSTQGEVTRETVNVLSPRYEIVITVAAA
VIMGTAGLSTYLYNRQRKIKKYRLQQAQKGTMPKPNTP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

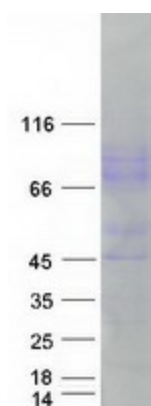
Tag:	C-Myc/DDK
Predicted MW:	55.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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:	NP_000192
Locus ID:	3383
UniProt ID:	P05362
RefSeq Size:	2986
Cytogenetics:	19p13.2
RefSeq ORF:	1596
Synonyms:	BB2; CD54; P3.58
Summary:	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]
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane
Protein Pathways:	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]).