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Product datasheet for RC208919L1V

ICAM3 (NM_002162) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ICAM3 (NM_002162) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ICAM3
Synonyms:	CD50; CDW50; ICAM-R
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_002162
ORF Size:	1641 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208919).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_002162.2
RefSeq Size:	1796 bp
RefSeq ORF:	1644 bp
Locus ID:	3385
UniProt ID:	P32942
Cytogenetics:	19p13.2
Domains:	ig, IG, ICAM_N
Protein Families:	ES Cell Differentiation/IPS, Transmembrane

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Protein Pathways: Cell adhesion molecules (CAMs)

MW: 59.5 kDa

Gene Summary: The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is constitutively and abundantly expressed by all leucocytes and may be the most important ligand for LFA-1 in the initiation of the immune response. It functions not only as an adhesion molecule, but also as a potent signalling molecule. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Feb 2016]