

Product datasheet for RC200714L2V

OriGene Technologies, Inc.

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ICAM1 (NM_000201) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: ICAM1 (NM_000201) Human Tagged ORF Clone Lentiviral Particle

Symbol: ICAM1

Synonyms: BB2; CD54; P3.58

Mammalian Cell

Selection:

None

Vector: pLenti-C-mGFP (PS100071)

Tag: mGFP

ACCN: NM_000201 **ORF Size:** 1596 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC200714).

Sequence:

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.

RefSeg: NM 000201.1, NP 000192.1

 RefSeq Size:
 2986 bp

 RefSeq ORF:
 1599 bp

 Locus ID:
 3383

 UniProt ID:
 P05362

Cytogenetics: 19p13.2

Domains: IG, ICAM N

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

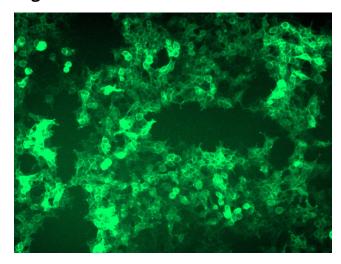
MW: 57.83 kDa

Gene Summary: This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells

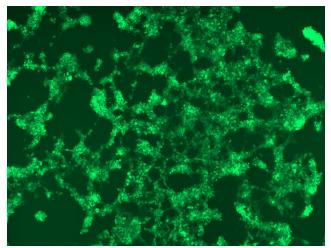
and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18

and is also exploited by Rhinovirus as a receptor. [provided by RefSeq, Jul 2008]

Product images:



[RC200714L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC200714L2V particle to overexpress human ICAM1-mGFP fusion protein.



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