

Product datasheet for RC207048L4

OriGene Technologies, Inc.

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CD300LB (NM_174892) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CD300LB (NM_174892) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: CD300LB

Synonyms: CD300b; CLM-7; CLM7; CMRF35-A2; IREM-3; IREM3; TREM-5; TREM5

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC207048).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_174892

ORF Size: 714 bp





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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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 174892.1</u>, <u>NP 777552.1</u>

 RefSeq Size:
 2308 bp

 RefSeq ORF:
 606 bp

 Locus ID:
 124599

 UniProt ID:
 A8K4G0

 Cytogenetics:
 17q25.1

Protein Families: Druggable Genome, Transmembrane

MW: 27 kDa

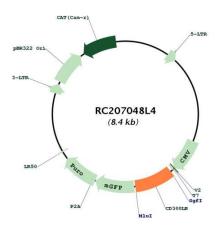
Gene Summary: CD300LB is a nonclassical activating receptor of the immunoglobulin (Ig) superfamily

expressed on myeloid cells (Martinez-Barriocanal and Sayos, 2006 [PubMed 16920917]).

[supplied by OMIM, Mar 2008]



Product images:



Circular map for RC207048L4