

Product datasheet for RC207137L3

OriGene Technologies, Inc.

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CD300 antigen (CD300A) (NM_007261) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CD300 antigen (CD300A) (NM_007261) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: CD300 antigen

Synonyms: CLM-8; CMRF-35-H9; CMRF-35H; CMRF35-H9; CMRF35-H9; CMRF35H9; IGSF12; IRC1;

IRC1/IRC2; IRC2; IRp60

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

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

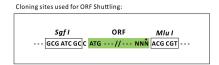
ORF Nucleotide

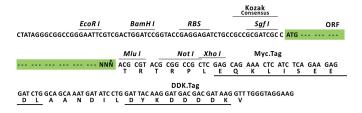
The ORF insert of this clone is exactly the same as(RC207137).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM 007261

ORF Size: 897 bp





CD300 antigen (CD300A) (NM_007261) Human Tagged Lenti ORF Clone - RC207137L3

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 007261.2</u>

 RefSeq Size:
 1893 bp

 RefSeq ORF:
 900 bp

 Locus ID:
 11314

 UniProt ID:
 Q9UGN4

Cytogenetics: 17q25.1

Protein Families: Transmembrane

MW: 33.2 kDa

Gene Summary: This gene encodes a member of the CD300 glycoprotein family of cell surface proteins found

on leukocytes involved in immune response signaling pathways. This gene is located on chromosome 17 in a cluster with all but one of the other family members. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb

2012]