

Product datasheet for RC211276L4

OriGene Technologies, Inc.

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CD153 (TNFSF8) (NM_001244) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CD153 (TNFSF8) (NM_001244) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: CD153

Synonyms: CD30L; CD30LG; CD153; TNLG3A

Mammalian Cell Puromycin

Selection:

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

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

ORF Nucleotide The ORF insert of this clo

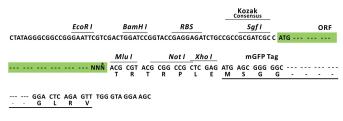
Sequence:

The ORF insert of this clone is exactly the same as(RC211276).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_001244

ORF Size: 702 bp



CD153 (TNFSF8) (NM_001244) Human Tagged Lenti ORF Clone - RC211276L4

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 001244.2</u>

RefSeq Size:3797 bpRefSeq ORF:705 bp

Locus ID: 944

UniProt ID:

Cytogenetics: 9q32-q33.1

Domains: TNF

Protein Families: Druggable Genome, Transmembrane
Protein Pathways: Cytokine-cytokine receptor interaction

P32971

MW: 26 kDa

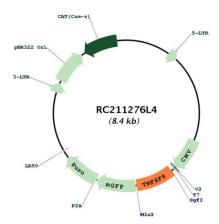
Gene Summary: The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF)

ligand family. This cytokine is a ligand for TNFRSF8/CD30, which is a cell surface antigen and a marker for Hodgkin lymphoma and related hematologic malignancies. The engagement of this cytokine expressed on B cell surface plays an inhibitory role in modulating Ig class switch. This cytokine was shown to enhance cell proliferation of some lymphoma cell lines, while to induce cell death and reduce cell proliferation of other lymphoma cell lines. The pleiotropic biologic activities of this cytokine on different CD30+ lymphoma cell lines may play a pathophysiologic role in Hodgkin's and some non-Hodgkin's lymphomas. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov

2011]



Product images:



Circular map for RC211276L4