

Product datasheet for RG231936

CLECL1 (NM 001267701) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CLECL1 (NM_001267701) Human Tagged ORF Clone

Tag: TurboGFP Symbol: CLECL1

Synonyms: DCAL-1; DCAL1

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >RG231936 representing NM_001267701 Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

CCAATCTTTTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG231936 representing NM_001267701

Red=Cloning site Green=Tags(s)

MVSNFFHVIQVFEKSATLISKTEHIGFVIYSWRKSTTHLGSRRKFAISIYLSEVSLQKYDCPFSGTSFVV FSLFLICAMAGDVVYADIKTVRTSPLELAFPLQRSVSFNFSTVHKSCPAKDWKVHKGKCYWIAETKKSWN

KSQNDCAINNSYLMVIQDITAMKSNLF

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul



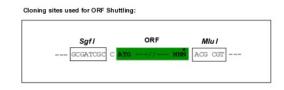
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

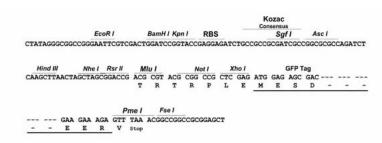
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

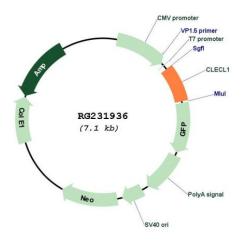


Cloning Scheme:





Plasmid Map:



ACCN: NM_001267701

ORF Size: 501 bp

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.



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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 001267701.1</u>, <u>NP 001254630.1</u>

RefSeq Size: 1452 bp
RefSeq ORF: 504 bp
Locus ID: 160365
UniProt ID: Q8IZS7
Cytogenetics: 12p13.31

Protein Families: Druggable Genome

Gene Summary: This gene encodes a type II transmembrane, C-type lectin-like protein that is highly expressed

on dendritic and B cells. This protein may act as a T-cell costimulatory molecule that enhances interleukin-4 production, and maybe involved in the regulation of the immune response. Alternatively spliced transcript variants encoding different isoforms have been

found for this gene. [provided by RefSeq, Dec 2011]