

## 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 Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG231936 representing NM\_001267701  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTTAGTAATTTCTTCCATGTCATACAAGTATTCGAGAAATCTGCTACCTTGATTAGTAAGACTGAAC  
ACATTGGTTTTGTCATTTATTTCATGGAGGAAGTCCACCACCCACTTGGGGAGCAGAAGGAAATTTGCCAT  
CTCAATTTACTTATCAGAAGTTTCTTTCAGAAATATGATTGTCCCTTCAGTGGGACATCATTTGTGGTC  
TTCTCTCTTTTTGATCTGTGCAATGGCTGGAGATGTAGTCTACGCTGACATCAAACTGTTCCGACTT  
CCCCGTTAGAAGCTCGCGTTTCCACTTCAGAGATCTGTTTCTTCACTTTTCTACTGTCCATAAATCATG  
TCCTGCCAAAGACTGGAAGGTGCATAAGGGAAAATGTTACTGGATTGCTGAACTAAGAAATCTTGGAAC  
AAAAGTCAAAATGACTGTGCCATAAACAATTCATATCTCATGGTATTCAAGACATTACTGCTATGAAAT  
CCAATCTTTTT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG231936 representing NM\_001267701  
Red=Cloning site Green=Tags(s)

MVSNFFHVIQVFEKSATLISKTEHIGFVIYSWRKSTTHLGSRRKFAISIYLSEVSLQKYDCPFSGTSFVV  
FSLFLICAMAGDVVYADIKTVRTPLEAFPLQRSVSFNFSTVHKSCPAKDWKVKYKCYWIAETKKS  
KSQNDCAINNSYLMVIQDITAMKSNLF

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI





<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001267701.1, NP_001254630.1</u>
<b>RefSeq Size:</b>	1452 bp
<b>RefSeq ORF:</b>	504 bp
<b>Locus ID:</b>	160365
<b>UniProt ID:</b>	<u>Q8IZS7</u>
<b>Cytogenetics:</b>	12p13.31
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	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]