

Product datasheet for **SC330308**

CLECL1 (NM_001253750) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CLECL1 (NM_001253750) Human Untagged Clone
Tag: Tag Free
Symbol: CLECL1
Synonyms: DCAL-1; DCAL1
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330308 representing NM_001253750.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

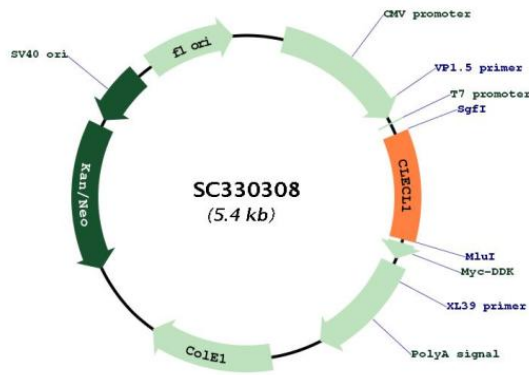
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ATGGTTAGTAATTTCTTCCATGTCATACAAGTATTCGAGAAATCTGCTACCTTGATTAGTAAGACTGAA  
CACATTGGTTTTGTCAATTTATTCATGGAGGAAGTCCACCACCCACTTGGGGAGCAGAAGGAAATTTGCC  
ATCTCAATTTACTTATCAGAAGTTTCTTTCAGAAATATGATTGTCCCTTCAGTGGGACATCATTTGTG  
GTCTTCTCTCTTTTTGATCTGTGCAATGGCTGGAGATGTAGTCTACGCTGACATCAAACCTGTTCCG  
ACTTCCCCGTTAGAACTCGCGTTCCACTTCAGAGATCTGTTTCTTCACTTTTCTACTGTCCATAAA  
TCATGTCCTGCCAAAGACTGGAAGTGCATAAGGGAAAATGTTACTGGATTGCTGAAACTAAGAAATCT  
TGGAACAAAAGTCAAATGACTGTGCCATAAACAATTCATATCTCATGGTGATTCAAGACATTACTGCT  
ATGCTGATCACCTTTTTGCTGTACCTTCAAATGGCATTCTTCAATGTGTGTACATCTCTGATGTCTCT  
GTGTATCCAAATTTCTTCTGTAA
```

Restriction Sites: Sgfl-Mlul



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Plasmid Map:



ACCN: NM_001253750

Insert Size: 576 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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: [NM_001253750.1](#)

RefSeq Size: 1586 bp

RefSeq ORF: 576 bp

Locus ID: 160365

UniProt ID: [Q8IZS7](#)

Cytogenetics: 12p13.31

Protein Families: Druggable Genome

MW: 21.9 kDa

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]
Transcript Variant: This variant (3) contains two additional exons at the 3' end resulting in a novel 3' coding region and 3' UTR compared to variant 1. It encodes isoform 3 which is longer and has a distinct C-terminus, compared to isoform 1.