

Product datasheet for **SC334302**

CLEC1 (CLEC1A) (NM_001297749) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLEC1 (CLEC1A) (NM_001297749) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLEC1
Synonyms:	CLEC-1; CLEC1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001297749, the custom clone sequence may differ by one or more nucleotides

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ATGCAGGCCAAGTACAGCAGCACGAGGGACATGCTGGATGATGATGGGGACACCACCATGAGCCTGCATT  
CTCAAGGCTCTGCCACAACCTCGGCATCCAGAGCCCGGCGCACAGCACACAGGTGCAGCCCTTGACAGA  
ACAATGGAAATGGCATGGAGACAATTGCTACCAGTTCTATAAAGACAGCAAAAGTTGGGAGGACTGTAA  
TATTTCTGCCTTAGTAAAACCTTACCATGCTGAAGATAAACAAACAAGAAGACCTGGAATTTGCCGCGT  
CTCAGAGCTACTCTGAGTTTTTCTACTCTTATTGGACAGGGCTTTTGGCCCTGACAGTGGCAAGGCCTG  
GCTGTGGATGGATGGAACCCCTTCACTTCTGAACTGTTCCATATTATAATAGATGTACCAGCCCAAGA  
AGCAGAGACTGTGTGGCCATCCTTAATGGGATGATCTTCTCAAAGGACTGCAAAGAATTGAAGCGTTGTG  
TCTGTGAGAGAAGGGCAGGAATGGTGAAGCCAGAGAGCCTCCATGTCCCCCTGAAACATTAGGCGAAGG  
TGACTGA
```

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001297749
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).



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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_001297749.1](#), [NP_001284678.1](#)

RefSeq Size: 2505 bp

RefSeq ORF: 567 bp

Locus ID: 51267

UniProt ID: [Q8NC01](#)

Cytogenetics: 12p13.2

Protein Families: Druggable Genome, Transmembrane

Gene Summary: This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signaling, glycoprotein turnover, and roles in inflammation and immune response. The encoded protein may play a role in regulating dendritic cell function. This gene is closely linked to other CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]

Transcript Variant: This variant (3) lacks two alternate in-frame exons in the 5' coding region compared to variant 1. The encoded isoform (c) is shorter than isoform a. **Sequence Note:** This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.