

## Product datasheet for **SC312389**

### CLEC2D (NM\_013269) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CLEC2D (NM_013269) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLEC2D
Synonyms:	CLAX; LLT1; OCIL
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_013269 edited ATGCATGACAGTAACAATGTGGAGAAAGACATTACACCATCTGAATTGCCTGCAAACCCA GGTTGTCTGCATTCAAAAAGAGCATTCTATTAAGCTACCTTAATTTGGCGCTTATTTTTC TTAATCATGTTTTCTGACAATCATAGTGTGGAATGGTTGCTGCTTAAGCGCAATAAGA GCTAACTGCCATCAAGAGCCATCAGTATGTCTCAAGCTGCATGCCAGAAAGCTGGATT GGTTTTCAAAGAAAGTGTCTATTTTTCTGATGACACCAAGAACTGGACATCAAGTCAG AGGTTTTGTGACTCACAAGATGCTGATCTTGCTCAGGTTGAAAGCTTCCAGGAACTGAAT TTCCTGTTGAGATATAAAGGCCATCTGATCACTGGATTGGGCTGAGCAGAGAACAAGGC CAACCATGGAAATGGATAAATGGTACTGAATGGACAAGACAGTTTCTATCCTGGGAGCA GGAGAGTGTGCCTATTTGAATGACAAAGGTGCCAGTAGTCCAGGCACTACACAGAGAGG AAGTGGATTTGTTCCAAATCAGATATACATGTCTAG
Restriction Sites:	Please inquire
ACCN:	NM_013269
Insert Size:	2200 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.



[View online »](#)

<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>	<a href="#">NM_013269.2</a> , <a href="#">NP_037401.1</a>
<b>RefSeq Size:</b>	1739 bp
<b>RefSeq ORF:</b>	576 bp
<b>Locus ID:</b>	29121
<b>UniProt ID:</b>	<a href="#">Q9UHP7</a>
<b>Cytogenetics:</b>	12p13.31
<b>Domains:</b>	CLECT
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	<p>This gene encodes a member of the natural killer cell receptor C-type lectin family. The encoded protein inhibits osteoclast formation and contains a transmembrane domain near the N-terminus as well as the C-type lectin-like extracellular domain. Several alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Oct 2010]</p> <p>Transcript Variant: This variant (1) represents the most frequently occurring transcript. It encodes isoform 1. 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.</p>