

## Product datasheet for **SC334098**

### CLEC5A (NM\_001301167) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CLEC5A (NM_001301167) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLEC5A
Synonyms:	CLECSF5; MDL-1; MDL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC334098 representing NM_001301167. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAACGGCACATGATCATCTCTGGGCTTATTGTGGTAGTGCTTAAAGTTGTTGGAATGACCTTATTT
CTACTTTATTTCCACAGATTTTAAACAAAAGTAACGATGGTTTACCACCACCAGGAGCTATGGAACA
GTCTGCCCAAAGACTGGGAATTTATCAAGCAAGATGTTTTTCTTATCCACTTCTGAATCATCTTGG
AATGAAAGCAGGGACTTTTGCAAAGGAAAAGGATCCACATTGGCAATTGTCAACACGCCAGAGAACTG
AAGTTTCTTCAGGACATAACTGATGCTGAGAAGTATTTTATTGGCTTAATTTACCATCGTGAAGAGAAA
AGGTGGCGTTGGATCAACAACCTGTGTCAATGGCAATGTTACCAATCAGAATCAGAATTTCAACTGT
GGACCATTGGCCTAACAAAGACATTTGATGCTGCATCATGTGACATCAGCTACCGCAGGATCTGTGAG
AAGAATGCCAAATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001301167
Insert Size:	498 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).



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<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_001301167.1</a>
<b>RefSeq Size:</b>	3466 bp
<b>RefSeq ORF:</b>	498 bp
<b>Locus ID:</b>	23601
<b>Cytogenetics:</b>	7q34
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>MW:</b>	19.1 kDa
<b>Gene Summary:</b>	<p>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 signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type II transmembrane protein interacts with dnax-activation protein 12 and may play a role in cell activation. Alternative splice variants have been described but their full-length sequence has not been determined. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) lacks an in-frame exon in the central coding region, compared to variant 1. The encoded isoform (2) is shorter, compared to 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>