

## Product datasheet for **SC115351**

### CLEC5A (NM\_013252) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CLEC5A (NM_013252) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLEC5A
Synonyms:	CLECSF5; MDL-1; MDL1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_013252 edited ATGAACTGGCACATGATCATCTCTGGGCTTATTGTGGTAGTGCTAAAGTTGTTGGAATG ACCTTATTTCTACTTTATTTCCACAGATTTTTAACAAAAGTAACGATGGTTTCACCACC ACCAGGAGCTATGGAACAGTCTCACAGATTTTTGGGAGCAGTTCCCAAGTCCCAACGGC TTCATTACCACAAGGAGCTATGGAACAGTCTGCCCAAAGACTGGGAATTTTATCAAGCA AGATGTTTTTCTTATCCACTTCTGAATCATCTTGAATGAAAGCAGGGACTTTTGCAA GGAAAAGGATCCACATTGGCAATTGTCAACACGCCAGAGAACTGAAGTTTCTTCAGGAC ATAACTGATGCTGAGAAGTATTTTATTGGCTTAATTTACCATCGTGAAGAGAAAAGGTGG CGTTGGATCAACAACTCTGTGTTCAATGGCAATGTTACCAATCAGAATCAGAATTTCAAC TGTGCGACCATTGGCCTAACAAAGACATTTGATGCTGCATCATGTGACATCAGCTACCGC AGGATCTGTGAGAAGAATGCCAAATGA



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_013252 unedited</p> <pre>TCAAAATTTGTAATACGACTCACTATAGGGCGGCCGCAAATTCGCACGAGCTGCCTGCC ACACCAAGCATTAGGCCACCAGGAAGACCCCCATCTGCAAGCAAGCCTAGCCTTCCAGGG AGAAAGAGGCCCTGCAGCTCCTTCATCATGAAGTGGCACATGATCATCTCTGGGCTTAT TGTGGTAGTGCTTAAAGTTGTTGGAATGACCTTATTTCTACTTTATTTCCACAGATTTT TAACAAAAGTAACGATGGTTTCACCACCACCAGGAGCTATGGAACAGTCTCACAGATTTT TGGGAGCAGTCCCAAGTCCCAACGGCTTCATTACCACAAGGAGCTATGGAACAGTCTG CCCCAAAGACTGGGAATTTTATCAAGCAAGATGTTTTTCTTATCCACTTCTGAATCATC TTGGAATGAAAGCAGGGACTTTTGCAAAGGAAAAGGATCCACATTGGCAATTGTCAACAC GCCAGAGAAACTGAAGTTTCTTCAGGACATAACTGATGCTGAGAAGTATTTTATTGGCTT AATTTACCATCGTGAAGAGAAAAGTGGCGTTGGATCAACAACCTGTGTTCATGGCAA TGTTACCAATCAGAATCAGAATTTCAACTGTGCGACCATTGGCCTAACAAAGACATTTGA TGCTGCATCATGTGACATCAGCTACCGCANGATCTGTGAGAAGATGCCAAATGATCAGAG TTCCCTGTGACAAGAATACTTGCAACTCTTNTGAATCCATACNAGTCGTCTGGCCA ATGATTCTTTTACTTACCTATCTGTCTACCAGTAGCGGTCCTTGCCCATTTGNGAAACTG AGTCTCTTTCTTCTGCTGNNNGACTGNATGCTNACCATCTNCAGNAGACAGGATCAGTT TTACCGAAACCACTCAGTTAGTATAGAGAATGAGGTCCCGCTTCTGTAGTACTGAGCATT NCTGACTGATCAAGA</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_013252 unedited</p> <pre>GGGGGGGCGNNNGGGGGGNNNNNNNNNNNTTTTNNNNNNNANNTTTTACTTTGNNACCCG GNCCGCATACTANGATCGNGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAGATGACAGAAT CTGTTTAAATGTTTAAACAAGATCATCCTGGTTGCTGGATGAACAATACACGAAAGGACAA TAAAGGGGAAAAGGATGAAGGCCAGATGGAGATTGCATCAGTTAGATTTTGTCTATACGAG AGATAACCAGAAAACCTCCAGTGGTATACAGTGATAAGTTTTTATTTTGTGCTTAAAGTT TCAGCTGATCTAGGGTGGCTCTGCTGATCTCAGGTGGATTTGTTTCGTGAGTCTAAGGGTT GGATGGGGGTTGGCTGACCTAGGCTGGGCCACATTTGAGGTCATGAAAAGTGTGTCTTT GATCTCATGTGGCTTGGCCACAACATTTTAAAGCACCCTTCTCTGACTTGACAAAATTT TTATTTCCCATATTATAAATGAGTAAACAAGTTCTGAAAATGAAGTGGCTTGCCCTACATT AAGCTTTAGCAAATTTGAAAAGTACTTCTTGGATGAAGATCTCAACTTCAAATCCTCCA CAAAATGCTTCTCCTAATGTCTAATGCCATTGAGATACATAGAGGAATGTTATTTAATAT GTGCAATAATTTTTTTGAGATAGGTATTACTACCCATTTTATCAGTAAGGAAATTAAGAC CAAGAAAAGGTAAGAAAACCTGACTGATTACACAGCATATTAGAAAACAAAGTAAAACCT CAAATTCAGTGGCTTGCTAAATTTTCATTGCCTTTTTTTTTTTTTTAAAGCATGCCACTGC TATCTAATAAAGATCACATTTATCTAAGCTTGGCAANATCCAGGAACTTCCAATGATG AAACTTAAACAAATCCACATATTNCTATTTACTTCCCACTCCCACCC</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_013252
<b>Insert Size:</b>	3780 bp
<b>OTI Disclaimer:</b>	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).
<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_013252.2</a> , <a href="#">NP_037384.1</a>
<b>RefSeq Size:</b>	3524 bp
<b>RefSeq ORF:</b>	567 bp
<b>Locus ID:</b>	23601
<b>UniProt ID:</b>	<a href="#">Q9NY25</a>
<b>Cytogenetics:</b>	7q34
<b>Domains:</b>	CLECT
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<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 (1) represents the longer transcript and encodes the longer isoform (1).</p>