

## Product datasheet for **MC222191**

### **Ablim1 (NM\_178688) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ablim1 (NM_178688) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ablim1
Synonyms:	2210411C18Rik; 2610209L21Rik; 4833406P10Rik; 9330196J19Rik; AV079770; AW060987
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC222191 representing NM\_178688  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCCATCCTTGCTTGGGTTAAAGTGTCTGGGAAATTGTGCAGCTCTGAGATAGCAAAGTTCCCTCAC  
 CAGAGAGAGCCAGCCTCAGGAACCTCCACAGGAGACTGCTTATTGAGACCTGAGTGTCCCCGAGACTCC  
 TGACCCTGCTCATCGCAGCGTGGCACAGTCATACATCTGGTCTATCTGTATTCTGCTGGCTGTGGTCCA  
 CCAGAGCTCAGGTTTAGCAGCTATGATCCATCCGTGGCCATCCTCAGGACCCTCACCCTCGTCGGAGA  
 AACCTGTCATTCACTGCCATAAATGCGGGAGCCATGCAAGGGCGAAGTGTACGGGTGCAGACCAAGCA  
 TTTCCACATCAAATGCTTCACTGCAAAGTGTGCGGCTGCGACCTGGCCAGGGGGGCTTCTTCATAAAG  
 AACGGGGACTATCTGTGTACCCTGGACTACCAGAGGATGTATGGGACACGGTGCCACGGCTGTGGGGAGT  
 TCGTGGAGGGCGAGGTGGTAACCTGCCCTGGGCAAGACCTACCACCCCAACTGCTTCGCTGTACAATCTG  
 CAAGCGCCCATTTCCACCCGAGACCGAGTCACATTCAACGGGAGAGACTGTCTTTGTGACGCTCTGTGCA  
 CAGCCGATGTCTCCAGCCCTAAAGAAGCTCCTGCTCCAGCAACTGCGCCGGCTGTGGAAGGGACATTA  
 AGAACGGACAGGCGCTGCTAGCTCTGGACAAGCAGTGGCATTGGGCTGCTTCAAGTGAAGTCCCTGTGG  
 GAAGGTCTCACCGCGAGTACATCAGCAAGGATGGCTCCCCATACTGTGAGAAAGACTACCAGGGGCTC  
 TTTGGGGTGAAGTGTGAAGCCTGTACCAAGTTTATCACAGGAAAAGTCTGGAGGCAGGCACAAGCATT  
 ATCATCCAGCTGCGCACGATGCAGCAGATGCAATCAGATGTTCCAGAAAGGGGAAGAAATGTATCTGCA  
 AGGTTCTACCGTGTGGCATCCCGACTGTAAAGCAGTCCACTAAGACAGAGGAGAAGCTGCGCCACCAAC  
 ATCCCGCGCTCTCATCCGATTTCTTTACCCAAAAGTCTGATTGTCGCACAGGACGGTCCCCAGCTC  
 TGCAGCTTCTGTGCGCACCCCTGTCTGATGAACCTCAACAAAAACCCAGGCAGCCACCAGGACCTCCTC  
 TGAAAGTATCTATTCTAGACCAGGCTCCAGCATCCCTGGTTACCAGGCCATACTATCTATGCAAAAGTA  
 GACAATGAAATCCTGGATTACAAGGATTTAGCAGCCATCCCAAGGTCAAGGCGATCTATGACATCGAGC  
 GTCCAGATCTCATTACCTATGAGCCTTTTACACATCAGGCTATGAGGACAAGCAGGAGAGACAGAGCCT  
 TGGAGAGTCTCCAAGGACTTTGTCTCCAACCTCCATCTGCAGAAGGTTATCAAGATGTCCGGGATCGGATG  
 ATCCACAGGTCCACCAGCCAGGGCTCCATCAACTCCCCTGTGTATAGCCGGCACAGTTACTCTCAACTA  
 CGTCTCGCTCGCCCCAGCACTTCCACCGACCTGAGCTCTGTCTCCTGGTGTGCACAGGTGGTCTCCCT  
 GCGCACAGCAGCTTCAGCTCCACCCACAGCGACTCCCGTCCCAACCCCCCTTCCGACACCACTTCCTC  
 CCCATGTCAAAGGCAATGAGCCGTCCAGCGGCCGGAACCTCCCCTCTCCCCTACCGGCCGACAGCCGCC  
 CTCTAACTCCAACCTACGCTCAGGCCCTAAACATTTCCATGTTCCAGATCAAGGGATCAACATTTACCG  
 AAAACCACCCATCTACAACAGCATGCTGCCTTGGCAGCCAGAGCAAGGCTTCAGAAGATATCATCAAG  
 TTTTCAAAGTTCCAGCAGCCAGGCGCCAGATCCCAACGAGATACCAAAGATTGAGACGGACCACTGGC  
 CGGGTCCCCCTCACTTGCCGCGTAGGAACTGACCCGAGGCGCAGATCAAGTGGCAGAGAGGAAGATGA  
 AGAGGAGCTTTTGGAGACCGCGCAGCTTCAAGAAGAACAGTTGATGAAGCTCAACTCAGGCTGGGGCAG  
 CTGATCCTGAAGGAAGAGATGGAGAAGGAGAGCAGAGAAAGAGCATCGCTGGCCAGTCTGATGACTCTC  
 CCCTCCACTCAGCTTCCATGCTCCATCATCTAAAACCTCATCTCCTCCCTGGTTATGAAAGAATGGCT  
 TCACCGGCCAGTTCCACAGACTTCGCTCAGTACAACAGCTACGGAGACATCAGTGGCGGAGTTCGAGAC  
 TACCAGACCTCCAGATGGCCACATGCCTGCAGTGAGAATGGACAGAGGAGATCCATGCCAACATGT  
 TGGAAACAAAGATATTTCCATATGAGATGCTCATGGTGACCAACAGAGGGCGCAACAAAATCCTGAGAGA  
 TGTGGATAGAACCCGGCTAGAGCGCCACTTAGCCCCAGAAGTATTTGGGAGATCTTTGGGATGTCCATA  
 CAGGAATTTGACAAGTTACCTCTTTGGAGACGCAACGACATGAAGAAAAAGCTAAACTCTTCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_178688  
**Insert Size:** 2586 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_178688.3</a> , <a href="#">NP_848803.3</a>
<b>RefSeq Size:</b>	6638 bp
<b>RefSeq ORF:</b>	2586 bp
<b>Locus ID:</b>	226251
<b>UniProt ID:</b>	<a href="#">Q8K4G5</a>
<b>Cytogenetics:</b>	19 52.09 cM
<b>Gene Summary:</b>	May act as scaffold protein (By similarity). May play a role in the development of the retina. Has been suggested to play a role in axon guidance.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1, also known as abLIM-I). Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments and orthologous data.