

Product datasheet for **MC228621**

Ablim1 (NM_001290816) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ablim1 (NM_001290816) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ablim1
Synonyms:	2210411C18Rik; 2610209L21Rik; 4833406P10Rik; 9330196J19Rik; AV079770; AW060987
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228621 representing NM_001290816
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGAAGAAGAAAAGTGGCCATCCTCAGGACCCTACCACTCGTCGGAGAAACCTGTCAATCACTGCC
 ATAAATGCGGGGAGCCATGCAAGGGCGAAGTGCTACGGGTGCAGACCAAGCATTTCACATCAAATGCTT
 CACCTGCAAAGTGTGCGGCTGCGACCTGGCCAGGGGGCTTCTTCATAAAGAACGGGGACTATCTGTGT
 ACCCTGGACTACCAGAGGATGTATGGGACACGGTGCCACGGCTGTGGGAGTTCGTGGAGGGCGAGGTGG
 TAACTGCCCTGGCAAGACCTACCACCCAAGTCTTCGCTGTACAATCTGCAAGCGCCCAATTCACC
 CGGAGACCGAGTCACATCAACGGGAGAGACTGTCTTTGTGAGCTCTGTGCACAGCCGATGTCTCCAGC
 CCTAAAGAAGCCTCCTGCTCCAGCAACTGCGCCGGCTGTGAAGGGACATTAAGAACGGACAGGCGCTGC
 TAGCTCTGGACAAGCAGTGGCATTGGGCTGCTCAAGTGAAGTCTGTGGGAAGTCTCACCGGCGA
 GTACATCAGCAAGGATGGCTCCCATACTGTGAGAAAGACTACCAGGGGCTCTTTGGGGTGAAGTGTGAA
 GCCTGTACACAGTTTATCACAGGAAAAGTCTGGAGGCAGGCGACAAGCATTATCATCCCAGCTGCGCAC
 GATGCAGCAGATGCAATCAGATGTTACAGAAGGGGAAGAAATGTATCTGCAAGGTTCTACCGTGTGGCA
 TCCCGACTGTAAGCAGTCCACTAAGACAGAGGAGAAGCTGCGGCCACCAGGACCTCCTCTGAAAGTATC
 TATTCTAGACCAGGCTCCAGCATCCCTGGTTCACCAGGCCATACTATCTATGCAAAAAGTAGACAATGAAA
 TCCTGGATTACAAGGATTTAGCAGCCATCCCAAGGTCAAGGCGATCTATGACATCGAGCGTCCAGATCT
 CATTACCTATGAGCCTTCTACACATCAGGCTATGAGGACAAGCAGGAGAGACAGAGCCTTGGAGAGTCT
 CCAAGGACTTTGTCTCCAACCTCCATCTGCAGAAGGTTATCAAGATGTCCGGGATCGGATGATCCACAGGT
 CCACCAGCCAGGGCTCCATCAACTCCCCTGTGTATAGCCGGCACAGTTACACTCCAACACTAGTCTCGTC
 GCCCCAGCACTTCCACCGACCTGATCAAGGGATCAACATTTACCGAAAACCCCATCTACAAAACAGCAT
 GATGCAGCTGCCTTGGCAGCCCAGAGCAAGGCTTCAGAAGATATCATCAAGTTTTCCAAGTTCACAGCAG
 CCCAGGCGCCAGATCCCAACGAGATACCAAGATTGAGACGGACCACTGGCCGGTCCCCCTCACTTGC
 CGCCGTAGGAACTGACCCGAGGCGCAGATCAAGTGGCAGAGAGGAAGTGAAGAGGAGCTTTTGGAGCGC
 CGGCAGCTTCAAGAAGAACAGTTGATGAAGCTCAACTCAGGCCTGGGCAGCTGATCCTGAAGGAAGAGA
 TGGAGAAGGAGAGCAGAGAAAGAGCATCGCTGGCCAGTCGCTATGACTCTCCCCTCCACTCAGCTTCCCA
 TGCTCCATCATCTAAAACCTCATCTCCCTGGTTATGGAAGAATGGCCTTACCAGGCCAGTTTCCACA
 GACTTCGCTCAGTACAACAGCTACGGAGACATCAGTGGCGGAGTTCGAGACTACCAGACCCTCCCAGATG
 GCCACATGCCTGCAGTGAGAATGGACAGAGGAGTATCCATGCCCAACATGTTGGAACCAAAGATATTCC
 ATATGAGATGCTCATGGTGACCAACAGAGGGCGCAACAAAATCCTGAGAGATGTGGATAGAACCAGGCTA
 GAGCGCCACTTAGCCCCAGAAGTATTTGGGAGATCTTTGGGATGTCATACAGGAATTTGACAAGTTAC
 CTCTTTGGAGACGCAACGACATGAAGAAAAAGCTAAACTCTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001290816

Insert Size: 2007 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: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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).
Reconstitution Method:	<ol style="list-style-type: none">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:	<u>NM_001290816.1</u> , <u>NP_001277745.1</u>
RefSeq Size:	6301 bp
RefSeq ORF:	2007 bp
Locus ID:	226251
Cytogenetics:	19 52.09 cM
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (6) differs in the 5' UTR, lacks a portion of the 5' coding region, and lacks four alternate in-frame exons and uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. It initiates translation at an alternate start codon. The encoded isoform (6) has a distinct N-terminus and is shorter than 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>