

Product datasheet for **MC228587**

Ablim1 (NM_001290815) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ablim1 (NM_001290815) 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: >MC228587 representing NM_001290815
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGAAGAAGAAAAGTGGCCATCCTCAGGACCCTACCACTCGTCGGAGAAACCTGTCAATCACTGCC
 ATAAATGCGGGGAGCCATGCAAGGGCGAAGTGCTACGGGTGCAGACCAAGCATTTCCACATCAAATGCTT
 CACCTGCAAAGTGTGCGGCTGCGACCTGGCCAGGGGGGCTTCTTCATAAAGAACGGGGACTATCTGTGT
 ACCCTGGACTACCAGAGGATGTATGGGACACGGTGCCACGGCTGTGGGAGTTCGTGGAGGGCGAGGTGG
 TAACTGCCCTGGCAAGACCTACCACCCAACTGCTTCGCTGTACAATCTGCAAGCGCCCATTTCCACC
 CGGAGACCGAGTCACATCAACGGGAGAGACTGTCTTTGTGAGCTCTGTGCACAGCCGATGTCTCCAGC
 CCTAAAGAAGCCTCCTGCTCCAGCAACTGCGCCGGCTGTGGAAGGGACATTAAGAACGGACAGGCGCTGC
 TAGCTCTGGACAAGCAGTGGCATTGGGCTGCTCAAGTGAAGTCTGTGGGAAGTCTCACCGGCGA
 GTACATCAGCAAGGATGGCTCCCATACTGTGAGAAAGACTACCAGGGGCTCTTTGGGGTGAAGTGTGAA
 GCCTGTACACAGTTTATACAGGAAAAGTCTGGAGGCAGGCGACAAGCATTATCATCCCAGCTGCGCAC
 GATGCAGCAGATGCAATCAGATGTTACAGAAGGGGAAGAAATGTATCTGCAAGGTTCTACCGTGTGGCA
 TCCCGACTGTAAGCAGTCCACTAAGACAGAGGAGAAGCTGCGGCCACCAGGACCTCTCTGAAAGTATC
 TATTCTAGACCAGGCTCCAGCATCCCTGGTTCACCAGGCCATACTATCTATGCAAAAAGTAGACAATGAAA
 TCCTGGATTACAAGGATTTAGCAGCCATCCCAAGGTCAAGGCGATCTATGACATCGAGCGTCCAGATCT
 CATTACCTATGAGCCTTTCTACACATCAGGCTATGAGGACAAGCAGGAGAGACAGAGCCTTGGAGAGTCT
 CCAAGGACTTTGTCTCCAACCTCCATCTGCAGAAGTTATCAAGATGTCCGGGATCGGATGATCCACAGGT
 CCACAGCCAGGGCTCCATCAACTCCCCTGTGTATAGCCCGCACAGTTACACTCCAACACTAGTCTCGTCTC
 GCCCCAGCACTTCCACCGACCTGGCAATGAGCCGTCCAGCGGCCGGAACCTCCCTCTCCCTACCGGCC
 GACAGCCGCCCTCTAACTCCAACCTACGCTCAGGCCCTAAACATTTCCATGTTCCAGATCAAGGGATCA
 ACATTTACCGAAAACCACCCATCTACAAACAGCATGGAAGTACCCGAGGCGCAGATCAAGTGGCAGAGA
 GGAAGATGAAGAGGAGCTTTTGGAGCGCCGCGAGCTTCAAGAAGAAGCAGTTGATGAAGCTCAACTCAGGC
 CTGGGCGAGCTGATCCTGAAGGAAGAGATGGAGAAGGAGAGCAGAGAAAGAGCATCGCTGGCCAGTCTGCT
 ATGACTCTCCCTCCACTCAGCTCCCATGCTCCATCTAAAACCTTCTCTCCCTGGTTATGGAAA
 GAATGGCCTTACCGGCCAGTTTCCACAGACTTCGCTCAGTACAACAGCTACGGAGACATCAGTGGCGGA
 GTTCGAGACTACCAGACCCTCCAGATGGCCACATGCCTGCAGTGAAGTGGACAGAGGAGTATCCATGC
 CCAACATGTTGGAACCAAGATATTTCCATATGAGATGCTCATGGTGACCAACAGAGGGCGCAACAAAAT
 CCTGAGAGATGTGGATAGAACCAGGCTAGAGCGCACTTAGCCCCAGAAGTATTTGGGAGATCTTTGGG
 ATGTCCATACAGGAATTTGACAAGTTACCTCTTTGGAGACGCAACGACATGAAGAAAAAGCTAAACTCT
CTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001290815

Insert Size: 1965 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_001290815.1</u> , <u>NP_001277744.1</u>
RefSeq Size:	6259 bp
RefSeq ORF:	1965 bp
Locus ID:	226251
UniProt ID:	<u>Q8K4G5</u>
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 (5) differs in the 5' UTR, lacks a portion of the 5' coding region, and lacks four alternate in-frame exons in the 3' coding region, compared to variant 1. It initiates translation at an alternate start codon. The encoded isoform (5) 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>