

Product datasheet for **MC228798**

Ablim1 (NM_001290813) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ablim1 (NM_001290813) 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: >MC228798 representing NM_001290813
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCATCCTTGCTTGGGTTAAAGTGTCTGGGAAATTGTGCAGCTCTGAGATAGCAAAGTTCCCTCAC
 CAGAGAGAGCCAGCCTCAGGAACTCCACAGGAGACTGCTTATTGAGACCTGAGTGTCCCCGAGACTCC
 TGACCCTGCTCATCGCAGCGTGGCACAGTCATACATCTGGTCTATCTGTATTCTGCTGGCTGTGGTCCA
 CCAGAGCTCAGGTTTAGCAGCTATGATCCATCCGTGGCCATCCTCAGGACCCTCACCCTCGTCGGAGA
 AACCTGTCATTCACTGCCATAAATGCGGGGAGCCATGCAAGGGCGAAGTGTACGGGTGCAGACCAAGCA
 TTTCCACATCAAATGCTTACCTGCAAAGTGTGCGGCTGCGACCTGGCCAGGGGGGCTTCTTCATAAAG
 AACGGGGACTATCTGTGTACCCTGGACTACCAGAGGATGTATGGGACACGGTGCCACGGCTGTGGGGAGT
 TCGTGGAGGGCGAGGTGGTAACCTGGCAAGACCTACCACCCCAACTGCTTCGCTGTACAATCTG
 CAAGCGCCCATTTCCACCCGAGACCGAGTCACATTCAACGGGAGAGACTGTCTTTGTCAGCTCTGTGCA
 CAGCCGATGTCTCCAGCCCTAAAGAAGCTCCTGCTCCAGCAACTGCGCCGGCTGTGGAAGGGACATTA
 AGAACGGACAGGCGCTGTAGCTCTGGACAAGCAGTGGCATTGGGCTGCTTCAAGTGAAGTCCCTGTGG
 GAAGGTCTCACCGGCGAGTACATCAGCAAGGATGGCTCCCCATACTGTGAGAAAGACTACCAGGGGCTC
 TTTGGGGTGAAGTGTGAAGCCTGTACCAAGTTTATCACAGGAAAAGTCTGGAGGCGAGGCAAGCATT
 ATCATCCAGCTGCGCACGATGCAGCAGATGCAATCAGATGTTCCAGAAAGGGGAAGAAATGTATCTGCA
 AGGTTCTACCGTGTGGCATCCCGACTGTAAGCAGTCCACTAAGACAGAGGAGAAGCTGCGGCCACCAGG
 ACCTCCTCTGAAAGTATCTATTCTAGACCAGGCTCCAGCATCCCTGGTTCACCAGGCCATACTATCTATG
 CAAAAGTAGACAATGAAATCCTGGATTACAAGGATTTAGCAGCCATCCCCAAGGTCAAGGCGATCTATGA
 CATCGAGCGTCCAGATCTCATTACCTATGAGCCTTTCTACACATCAGGCTATGAGGACAAGCAGGAGAGA
 CAGAGCCTTGAGAGTCTCCAAGGACTTTGCTCCAACCTCCATCTGCAGAAGTTATCAAGATGTCCGGG
 ATCGGATGATCCACAGTCCACCAGCCAGGGCTCCATCAACTCCCTGTGTATAGCCGGCACAGTTACAC
 TCCAACACTCGTCTCGCTCGCCCCAGCACTTCCACCGACCTGGCAATGAGCCGTCCAGCGGCCGAACTCC
 CCTCTCCCTACCGGCCGACAGCCGCCCTCTAACTCCAACCTACGCTCAGGCCCTAAACATTTCCATG
 TTCAGATCAAGGGATCAACATTTACCGAAAACCCCATCTACAACAGCATGGAAGTACCCGAGGCG
 CAGATCAAGTGGCAGAGAGGAAGATGAAGAGGAGCTTTTGAGACGCCGGCAGCTTCAAGAAGAACAGTTG
 ATGAAGCTCAACTCAGGCTGGGGCAGCTGATCCTGAAGGAAGAGATGGAGAAGGAGAGCAGAGAAAGAG
 CATCGCTGGCCAGTCTGATGACTCTCCCTCCACTCAGCTTCCATGCTCCATCATCTAAAACCTCATC
 TCTCCCTGGTTATGGAAGAATGGCCTTACCGGCCAGTTTCCACAGACTTCGCTCAGTACAACAGCTAC
 GGAGACATCAGTGGCGGAGTTCGAGACTACCAGACCCTCCAGATGGCCACATGCCTGCAGTGAGATGG
 ACAGAGGAGTATCCATGCCCAACATGTTGGAACCAAAGATATTTCCATATGAGATGCTCATGGTGACCAA
 CAGAGGGCGCAACAAAATCCTGAGAGATGTGGATAGAACCCGGCTAGAGCGCCACTTAGCCCCAGAAGTA
 TTTTGGGAGATCTTTGGGATGTCCATACAGGAATTTGACAAGTTACCTCTTTGGAGACGCAACGACATGA
 AGAAAAAGCTAAACTCTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001290813
Insert Size: 2193 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_001290813.1</u> , <u>NP_001277742.1</u>
RefSeq Size:	6245 bp
RefSeq ORF:	2193 bp
Locus ID:	226251
UniProt ID:	<u>Q8K4G5</u>
Cytogenetics:	19 52.09 cM
Gene Summary:	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 (4) lacks four alternate in-frame exons in the 3' coding region, compared to variant 1. The encoded isoform (4) 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.