

Product datasheet for **MC220621**

Ablim1 (NM_001103177) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ablim1 (NM_001103177) 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: >MC220621 representing NM_001103177
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTGAAGAAGAAAAGTGGCCATCCTCAGGACCCTACCACTCGTCGGAGAAACCTGTCAATCACTGCC
 ATAAATGCGGGGAGCCATGCAAGGGCGAAGTGCTACGGGTGCAGACCAAGCATTTCCACATCAAATGCTT
 CACCTGCAAAGTGTGCGGCTGCGACCTGGCCAGGGGGGCTTCTTCATAAAGAACGGGGACTATCTGTGT
 ACCCTGGACTACCAGAGGATGTATGGGACACGGTGCCACGGCTGTGGGAGTTCGTGGAGGGCGAGGTGG
 TAACTGCCCTGGCAAGACCTACCACCCAAGTCTTCGCTGTACAATCTGCAAGCGCCCAATTTCCACC
 CGGAGACCGAGTCACATTAACGGGAGAGACTGTCTTTGTGAGCTCTGTGCACAGCCGATGTCTCCAGC
 CCTAAAGAAGCCTCCTGTCCAGCAACTGCGCCGGCTGTGGAAGGGACATTAAGAACGGACAGGCGCTGC
 TAGCTCTGGACAAGCAGTGGCATTGGGCTGCTCAAGTGAAGTCTGTGGGAAGTCTCACCGGCGA
 GTACATCAGCAAGGATGGCTCCCATACTGTGAGAAAGACTACCAGGGGCTCTTTGGGTGAAGTGTGAA
 GCCTGTACACAGTTTATCACAGGAAAAGTCTGGAGGCAGGCGACAAGCATTATCATCCAGCTGCGCAC
 GATGCAGCAGATGCAATCAGATGTTACAGAAGGGGAAGAAATGTATCTGCAAGGTTCTACCGTGTGGCA
 TCCCGACTGTAAGCAGTCCACTAAGACAGAGGAGAAGCTGCGGCCACCAGGACCTCTCTGAAAGTATC
 TATTCTAGACCAGGCTCCAGCATCCCTGGTTCACCAGGCCATACTATCTATGCAAAAAGTAGACAATGAAA
 TCCTGGATTACAAGGATTTAGCAGCCATCCCAAGGTCAAGGCGATCTATGACATCGAGCGTCCAGATCT
 CATTACCTATGAGCCTTTCTACACATCAGGCTATGAGGACAAGCAGGAGAGACAGAGCCTTGGAGAGTCT
 CCAAGGACTTTGTCTCCAACCTCCATCTGCAGAAGTATCAAGATGTCCGGGATCGGATGATCCACAGGT
 CCACCAGCCAGGGCTCCATCAACTCCCCTGTGTATAGCCGGCACAGTTACACTCCAACCTAGTCTCGCTC
 GCCCAGCACTTCCACCGACCTGGCAATGAGCCGTCCAGCGGCCGGAACCTCCCCTCTCCCCTACCGGCC
 GACAGCCGCCCTCTAACTCCAACCTACGCTCAGGCCCTAAACATTTCCATGTTCCAGATCAAGGGATCA
 ACATTTACCGAAAACCACCCATCTACAAACAGCATGCTGCCTTGGCAGCCAGAGCAAGGCTTCAAGAAG
 TATCATCAAGTTTTCCAAGTTCACAGCAGCCAGGCGCCAGATCCCAACGAGATACCAAAGATTGAGACG
 GACCACTGGCCGGTCCCCCTCACTTGCCCGGTAGGAACTGACCCGAGGCGCAGATCAAGTGGCAGAG
 AGGAAGATGAAGAGGAGCTTTTGGAGACCGCCAGCTTCAAGAAGAAGAGTTGATGAAGCTCAACTCAGG
 CCTGGGGCAGCTGATCCTGAAGGAAGAGATGGAGAAGGAGAGCAGAGAAAAGAGCATCGCTGGCCAGTCCG
 TATGACTCTCCCCTCACTCAGCTTCCCATGCTCCATCATCTAAAACCTCATCTCTCCCTGGTTATGGAA
 AGAATGGCCTTACCGGCCAGTTTCCACAGACTTCGCTCAGTACAACAGCTACGGAGACATCAGTGGCGG
 AGTTCGAGACTACCAGACCTCCAGATGGCCACATGCCTGCAGTGAGAATGGACAGAGGAGTATCCATG
 CCCAACATGTTGGAACCAAAGATATTTCCATATGAGATGCTCATGGTGACCAACAGAGGGCGCAACAAAA
 TCCTGAGAGATGTGGATAGAACCGGCTAGAGCGCCACTTAGCCCCAGAAGTATTTGGGAGATCTTTGG
 GATGTCCATACAGGAATTTGACAAGTTACCTCTTTGGAGACGCAACGACATGAAGAAAAAAGCTAAACTC
 TTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001103177
Insert Size: 2106 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).

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_001103177.2, NP_001096647.1</u>
RefSeq Size:	6400 bp
RefSeq ORF:	2106 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 (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and lacks three alternate in-frame exons in the 3' coding region, compared to variant 1. It initiates translation at an alternate start codon. The encoded isoform (2, also known as abLIM-m) has a distinct N-terminus and is shorter than isoform 1. 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.</p>