

Product datasheet for **MC218885**

Ablim1 (NM_001103178) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ablim1 (NM_001103178) 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: >MC218885 representing NM_001103178
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTTACAGAAAGGGGAAGAAATGTATCTGCAAGTTCTACCGTGTGCCATCCCGACTGTAAAGCAGTCCA
 CTAAGACAGAGGAGAAGCTGCGGCCACCAACATCCCGCTCTTCATCCGATTTCTTTACCCAAAAG
 TCTGATTCGTCGCACAGGACGGTCCCGACTCTGCAGTTCTGTGCGCACCCCTGTCTGATGAACTCCAAC
 AAAAACCAGGAGCCACCAGGACCTCTGAAAGTATCTATTCTAGACCAGGCTCCAGCATCCCTG
 GTTACCAGGCCATACTATCTATGCAAAAGTAGACAATGAAATCCTGGATTACAAGGATTTAGCAGCCAT
 CCCCAGGTCAAGGCGATCTATGACATCGAGCGTCCAGATCTCATTACCTATGAGCCTTTCTACACATCA
 GGCTATGAGGACAAGCAGGAGAGACAGACGCTTGGAGAGTCTCCAAGGACTTTGTCTCCAACCTCATCTG
 CAGAAGGTTATCAAGATGTCGGGATCGGATGATCCACAGGTCCACCAGCCAGGGCTCCATCAACTCCCC
 TGTGTATAGCCGGCACAGTTACTCTCAACTACGTCTCGCTCGCCCCAGCACTTCCACCGACCTGAGCTC
 TTGTCTCCTGGTGTGCACAGGTGGTCTCCCTGCGCACACAGCAGCTTCCAGCTCCACCCACAGCGACTCCC
 GTCCCAACCCCTTCCGACACCACTTCTCCCCATGTCAAAGGCAATGAGCCGTCCAGCGGCCGGAA
 CTCCCCTCTCCCACCGGCCGACAGCCGCCCTCAACTCCAACCTACGCTCAGGCCCTAAACATTTTC
 CATGTTCCAGATCAAGGGATCAACATTTACCGAAAACCCCATCTACAAACAGCATGCTGCCTTGGCAG
 CCCAGAGCAAGGCTTCAAGATATCATCAAGTTTTCAAAGTCCAGCAGCCAGGCGCCAGATCCCAA
 CGAGATACCAAAGATTGAGACGGACACTGGCCGGTCCCCCTCACTTCCCGCCGTAGGAACTGACCCG
 AGGCGCAGATCAAGTGGCAGAGAGGAAGATGAAGAGGAGCTTTTGAGACGCCGGCAGCTTCAAGAAGAAC
 AGTTGATGAAGCTCAACTCAGGCTGGGGCAGCTGATCCTGAAGGAAGAGATGGAGAAGGAGAGCAGAGA
 AAGAGCATCGCTGGCCAGTCGCTATGACTCTCCCTCCACTCAGCTTCCCATGCTCCATCATCTAAACT
 TCATCTCTCCCTGGTTATGGAAAGAATGGCCTTACCAGGCGAGTTCCACAGACTTCGCTCAGTACAACA
 GCTACGGAGACATCAGTGGCGGAGTTCGAGACTACCAGACCTCCAGATGGCCACATGCCTGCAGTGAG
 AATGGACAGAGGAGTATCCATGCCCAACATGTTGGAACCAAGATATTTCCATATGAGATGCTCATGGTG
 ACCAACAGAGGGCGCAACAAAATCCTGAGAGATGTGGATAGAACCCGGCTAGAGCGCCACTTAGCCCCAG
 AAGTATTTGGGAGATCTTTGGGATGTCCATACAGGAATTTGACAAGTTACCTCTTTGGAGACGCAACGA
 CATGAAGAAAAAGCTAAACTCTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001103178

Insert Size: 1638 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:

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: [NM_001103178.2](#), [NP_001096648.1](#)

RefSeq Size: 5942 bp

RefSeq ORF: 1638 bp

Locus ID: 226251

UniProt ID: [Q8K4G5](#)

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 (3) differs in the 5' UTR, lacks multiple 5' coding exons, and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (3, also known as abLIM-s) has a shorter N-terminus 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.