

## Product datasheet for **MC219764**

### **Ablim2 (NM\_001177697) Mouse Untagged Clone**

#### **Product data:**

|                    |  |
|--------------------|--|
| Product Type:      | Expression Plasmids                        |
| Product Name:      | Ablim2 (NM_001177697) Mouse Untagged Clone |
| Tag:               | Tag Free                                   |
| Symbol:            | Ablim2                                     |
| Synonyms:          | A1606905; C230091L11                       |
| Vector:            | pCMV6-Entry (PS100001)                     |
| E. coli Selection: | Kanamycin (25 ug/mL)                       |
| Cell Selection:    | Neomycin                                   |



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**Fully Sequenced ORF:** >MC219764 representing NM\_001177697  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCGCAGTGTGCGAGCCCCAGGCTGCTCATGCCCACTGGAGAAGCCGGCCAGCACTGCGATCCTGT  
 GTAATACCTGTGGGAATGTGTGCAAGGGAGAGGTGCTGCGTGTGCAAGAACAAGTACTTCCACATCAGGTG  
 CTTTGTGTGCAAAGCGTGTGGCTGTGACCTGGCTGAGGGTGGCTTCTTCGTGAGGCAAGGTGAGCACATT  
 TGCACACGTGACTACCAGCGGCTCTATGGCACTCGCTGCTTCAGCTGTGACCGCTTCATTGAAGCGAAG  
 TGGTGTGCGGCGTTGGGAAGACCTACCACCCTGACTGCTTCGTGTGTGCTGTCTGCAAGGCTGCCCTTTC  
 TCCTGGGACCGTGTGACCTTCAACGGGAAGGAGTGTATGTGCCAGAAGTGTCCCAACCCACATTGCTG  
 GGCAACAGTGTCTACGTGGCCAGGGCTCCGGAGTTGTGGGGCTGTGGCTTAGAAATCAAGAATGGCC  
 AGGCCCTGGTGGCTTTGGACAAGCACTGGCACCTGGGATGCTTCAAGTGAAGACTTGTGGGAACTCCT  
 CAATGCAGAGTACATCAGCAAGGACGGGCTGCCCTACTGCGAGGCTGATTATCACAGCAAGTTTGGCATC  
 CGCTGCGACGGCTGTGAGAAGTACATCACGGGCGGGTGTAGAGGCCGAGAGAAGCACTACCACCCTT  
 CATGTGGCTATGCGTCAGGTGCGGCCAGATGTTCTCAGAGGGCAGGAGATGTACCTGCAAGGCTCCTC  
 CATCTGGCATCCGGCATGTGACAGGCAGCCAGGACTGAAGACAAGAGCAAGGAAACCAGGACTTCTTCG  
 GAGAGCATTGTCTCCGTGCCTCCAGCACGTACGGTCCCGGAGCCGTGTGATCTACGCAAAGCTTG  
 GCGATGAGATCCTGGACTACAGGACTTGGCTGCTTCCCAAAAACAAGCGATCTACAACATCGACCG  
 CCCCAGATGATCTCCTATTCGCCCTACATTAGCCACTCGGCCGTGGGGACAGGCAGAGCTATGGCGAG  
 TCACCTCAGTTGCTCTCACCAACGCCGACTGAGGGGATCAGGATGATCGGTCTACAAGCAGTGCAGGA  
 CCTCCAGCCCCAGCTCTGCCGGCTCAGTCAGCCTCGGCACTACACCCAACTCAGGTCACCCAGCA  
 CTACAGTCGTCCAGCTGGTACTGTGAGTGTGGTACCAGTAGCTGTCTGTCCCTGTCCCAACACCCAAGC  
 CCTACATCCGTGTTTACAGCATCATTACATCCCCTACTTCCGAGGCAGCGAAAGTGCCGTAGCACCCCGA  
 GTCTCTCAGTGCCTCCGACAGCAGACCTCCTTCTCTACCTACCAGCAGGCTCCGAGACTTCCACGT  
 CCCAGACTGGCGTAAAAGATAACATCTATAGGAAACCCCTATCTACAAACAGCAGCTGCCAGGCGA  
 TTGGACGTGGAGGACAGCAGCTTTGACCAGGACAGCAGGAAGAAGACAACCTGGCTGCTTCTCAAGGGG  
 ATGCAGACACCAGAACTAACTCTCCAGACTGGACAGTCACTGCTGCTCCCTCAGCAGCGGGACTGACCA  
 GGAACCTCTCAAAGAATGGCAGGGGACAGCCTACTCACAGTATAAGATATATCCCTATGATTCCTC  
 ATCGTAACAAACCGAATTCGTGTGAAACTGCCAAAGACGTGGACCGGACACGGTGGAGAGACACCTAT  
 CACCTGAGGAGTTCCAAGAAGTGTGGGATGAGCATCGAGGAGTTTACCGCCTGGCCCTGTGGAAGAG  
 GAATGACCTCAAGAAGAAAGCCTTGCTGTTC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001177697

**Insert Size:** 1854 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\\_001177697.1](#), [NP\\_001171168.1](#)

**RefSeq Size:** 3585 bp

**RefSeq ORF:** 1854 bp

**Locus ID:** 231148

**UniProt ID:** [Q8BL65](#)

**Cytogenetics:** 5 B3

**Gene Summary:** May act as scaffold protein. May stimulate ABRA activity and ABRA-dependent SRF transcriptional activity.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) lacks three alternate exons and includes an alternate exon, compared to variant 1. The resulting isoform (2) lacks two internal segments and includes an additional internal segment, compared to 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.