

Product datasheet for **RN216998**

Ablim2 (NM_001177695) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Ablim2 (NM_001177695) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Ablim2 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN216998 representing NM_001177695
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTGCAGTGTGCGAGCCCCAGGCTGCTCATGCCCCACTGGAGAAGCCGGCCAGCACTGCGATCCTGT
 GTAATACCTGTGGGAATGTGTGCAAGGGAGAGGTGCTGCGGGTGCAGAACAAGCACTTCCACATTAGGTG
 CTTTGTGTGCAAAGCATGCGGCTGTGACCTGGCTGAGGGTGGCTTCTTCGTGAGGCAGGGTGAGCACATT
 TGCACACGTGACTACCAGCGCTCTATGGGACTCGCTGCTTCAGCTGTGACTGCTTCATTGAAGGGGAAG
 TGGTGTGACGCGTTGGGAAGACCTACCACCCTGACTGCTTCGTATGCGCTGTCTGCAGGCTGCCTTTTCC
 TCCTGGGACCGTGTGACCTTCAATGGGAAGGATTGTATGTGCCAGAAGTGTCTCCACCCACATTGGTG
 GGCAACAGTGGCCATGTGGCCAGGGCCTCCGGAGTTGTGGGGCTGTGGCTTAGAAATCAAGAATGGCC
 AGGCACTGGTGGCTTTGGACAAGCACTGGCACCTGGGATGCTTCAAGTGAAGACTTGTGGGAACTCCT
 CAATGCAGAGTACATCAGCAAGGATGGGCTGCCCTACTGTGAGGCTGATTATCACACCAAGTTTGGCATC
 CGCTGCGATGGCTGTGAGAAGTACATCACTGGTGGGTGCTGGAGGCTGGAGAGAAGCACTACCACCCTT
 CATGTGCGCTATGCGTCAGGTGCGGCCAGATGTTCTCAGAGGGCGAGGAGATGTACCTGCAAGGTTCCCTC
 CATCTGGCATCCGGCATGTGCGCAAGCAGCCAGGACTGAAGACAAGCAAGGAAACCAGGACTTCCCTCA
 GAGAGCATTGTCTCTGTGCTGCCTCCAGCACATCGGGTCCCCAAGCCGTGTGATCTATGCAAAGCTTG
 GTGATGAGATCCTGGACTACAGGGATTTGGCTGCTTCCCAAAAACAAGCGATCTACAACATCGACCCG
 CCCCAGATGATCTCCTATTCGCCCTACATTAGCCACTCGGCTGTGGGGACAGGCAGAGCTATGGTGAG
 GGGGATCAGGATGATCGGTCTACAAGCAGTGCAGGACCTCCAGCCCCAGCTCTGCTGGCTCAGTCAGCC
 TTGGGCACTACACTCCAACGTACGATCACCCAGCACTACAGTCCAGGCAGGAAAGTGGCCGTAG
 CACTCCAAGTCTCTCAGTGCCTCCGACAGCAGGCTCCTTCTCTACCTATCAGCAGGCTCCGAGACAC
 TTCCACGTCCCAGACTGGCGTAAAAGATAACATCTATAGGAAACCCCTATCTACAAACAGCAGGCCG
 CCAGGCGACTGGACGTGGAGGACAGCAGTTTCGACCAGGATAGCAGGAAGAAGACAACGTGGCTGCTCCT
 CAAGGGAGATGCAGACACCAGAATAACTCTCCGGACTTGGACAGTCAGTCTCTGTCCCTCAGCAGTGGG
 GCTGATCAAGAACCTCTCAAAGGATGCCAGGGGACAGCCTCTACTCACGCTTCCCTTATCCAAACCCG
 AACTCTCCAGGACCCAGGAAGGATGGCTGGACCTCCGGAATGCCAACCTGGCCCTTGTGGAGCAGA
 CCCGGATGCCAGTGGGACCGGAGAGTATAAGATTTATCCCTATGATTCCTCATCGTAACAAACCGA
 ATTCGTGTGAAACTGCCAAAGATGTAGACCGGACACGGCTGGAGAGACCTATCACCTGAAGAGTTCC
 AAGAAGTGTTTGGGATGAGCATCGAGGAGTTTGACCGCCTGGCCCTGTGGAAGAGGAATGACCTCAAGAA
 GAAAGCCTTGCTGTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001177695
- Insert Size:** 1839 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:

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_001177695.1](#), [NP_001171166.1](#)

RefSeq Size: 2685 bp

RefSeq ORF: 1839 bp

Locus ID: 360958

UniProt ID: [Q6KC51](#)

Cytogenetics: 14q21

Gene Summary: contains a zinc binding domain [RGD, Feb 2006]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).