

## Product datasheet for **MR224924**

### **Ablim2 (NM\_001177700) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ablim2 (NM_001177700) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ablim2
Synonyms:	A1606905; C230091L11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR224924 representing NM\_001177700  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCGCAGTGTGCGAGCCCCAGGCTGCTCATGCCCACTGGAGAAGCCGGCCAGCACTGCGATCCTGT  
 GTAATACCTGTGGGAATGTGTGCAAGGGAGAGGTGCTGCGTGTGCAAGAACAAGTACTTCCACATCAGGTG  
 CTTTGTGTGCAAAGCGTGTGGCTGTGACCTGGCTGAGGGTGGCTTCTTCGTGAGGCAGGGTGTGACACATT  
 TGCACACGTGACTACCAGCGGCTCTATGGCACTCGCTGCTTCAGCTGTGACCGCTTCATTGAAGCGAAG  
 TGGTGTGCGGCGTTGGGAAGACCTACCACCCTGACTGCTTCGTGTGTGCTGTCTGCAAGGCTGCCCTTTC  
 TCCTGGGACCGTGTGACCTTCAACGGGAAGGAGTGTATGTGCCAGAAGTGTCCCAACCCACATTGCTG  
 GGCAACAGTGTCTACGTGGCCAGGGCTCCGGAGTTGTGGGGCTGTGGCTTAGAAATCAAGAATGGCC  
 AGGCCCTGGTGGCTTTGGACAAGCACTGGCACCTGGGATGCTTCAAGTCAAGACTTGTGGGAACTCCT  
 CAATGCAGAGTACATCAGCAAGGACGGGCTGCCCTACTGCGAGGCTGATTATCACAGCAAGTTTGGCATC  
 CGCTGCGACGGCTGTGAGAAGTACATCACGGGCGGGTGTAGAGGCCGAGAGAAGCACTACCACCCTT  
 CATGTGGCTATGCGTCAAGTGCAGGTCAGATGTTCTCAGAGGGCAGGAGATGTACCTGCAAGGCTCCTC  
 CATCTGGCATCCGGCATGTGACAGGCAGCCAGGACTGAAGACAAGAGCAAGGAAACCAGGACTTCTTCG  
 GAGAGCATTGTCTCCGTGCCTCCAGCACGTCAAGGTCAGGTCAGGTCAGGTCAGGTCAGGTCAGGTCAGG  
 GCGATGAGATCCTGGACTACAGGACTTGGCTGCTTCCCAAAAACAAGCGATCTACAACATCGACCC  
 CCCCAGATGATCCTATTGCCCCTACATTAGCCACTCGGCCGTGGGGACAGGCAGAGCTATGGCGAG  
 GGGGATCAGGATGATCGGTCTACAAGCAGTGCAGGACCTCCAGCCCCAGCTCTGCCGGCTCAGTCAGCC  
 TCGGACACTACCCCCAACCTCACGGTCAACCCAGCAGTACAGTGTCCAGGCAGCGAAAGTGGCCGTAG  
 CACCCCGAGTCTCTCAGTGCCTCCGACAGCAGACCTCCTTCTCTACCTACCAGCAGGCTCCGAGACAC  
 TTCCACGTCCAGACACTGGCGTAAAAGATAACATCTATAGGAAACCCCTATCTACAAACAGCAGGCTG  
 CCAGGCGATTGGACGTGGAGGACAGCAGCTTTGACCAGGACAGCAGGAAGAAGACAACCTGGCTGCTTCT  
 CAAGGGGGATGCAGACACCAGAATAACTCTCCAGACCTGGACAGTCAAGTCAAGTATAAGATATATCCCTATG  
 ATTCCCTCATCGTAACAAACCGAATTCGTGTGAAACTGCCAAAGACGTGGACCGGACACGGCTGGAGAG  
 ACACCTATCACCTGAGGAGTCCAAGAAGTGTGGGATGAGCATCGAGGAGTTTACCAGGCTGGCCCTG  
 TGAAGAGGAATGACCTCAAGAAGAAAGCCTTGTCTTTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR224924 representing NM\_001177700  
 Red=Cloning site Green=Tags(s)

MSAVSQPQAHAHAPLEKPASTAILCNTCGNVCKGEVLRVQNKYFHIRCFVCKACGCDLAEGGFFVRQGEHI  
 CTRDYQRLYGTRCFSCDRFIEGEVVSALGKTYHPDCFVCAVCRLPFPPGDRVTFNGKECMQKCSPTLL  
 GNSAHVAQGLRSCGGGLEIKNGQALVALDKHWHLGCFKCKTCGKLLNAEYISKDGLPYCEADYHSKFGI  
 RCDGCEKYITGRVLEAGEKHYPSCALCVRGQMFSEGEEMYLQSSIIWHPACRQAARTEDKSKETRSTSS  
 ESIVSVPASSTSGSPSRVIYAKLGDEILDYRDLAALPKNKAIYINIDRPDMISYSPYISHSAVGDRQSYGE  
 GDQDDRSYKQCRTSSPSSAGSVSLGHYPTSRSPQHYSRPGSESGRSTPSLSVHSDSRPPSSTYQQAPRH  
 FHVPDPTGVKDNIYRKPIYKQHAARRLDVEDSSFDQDSRKKTTWLLLKGDADTRTNSPDLDSQSLSSG  
 TDQEPLQRMAGDSLYSQYKIYPYDSLIVTNRIRVKKLPKDVDRTRLERHLSPEEFQEVFGMSIEEFDRLAL  
 WKRNDLKKKALLF

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_001177700

**ORF Size:** 1719 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001177700.1](#), [NP\\_001171171.1](#)

**RefSeq Size:** 3453 bp

**RefSeq ORF:** 1722 bp

**Locus ID:** 231148

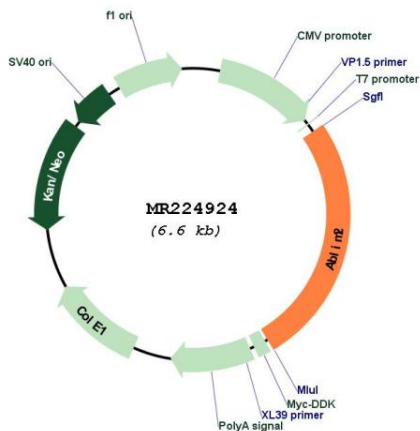
**UniProt ID:** [Q8BL65](#)

**Cytogenetics:** 5 B3

**MW:** 64.3 kDa

**Gene Summary:** May act as scaffold protein. May stimulate ABRA activity and ABRA-dependent SRF transcriptional activity.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR224924