

## Product datasheet for **MG224924**

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

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ablim2 (NM_001177700) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ablim2
Synonyms:	A1606905; C230091L11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG224924 representing NM\_001177700  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAGCGCAGTGTGCGAGCCCCAGGCTGCTCATGCCCACTGGAGAAGCCGGCCAGCACTGCGATCCTGT  
 GTAATACCTGTGGGAATGTGTGCAAGGGAGAGGTGCTGCGTGTGCAAGAACAAGTACTTCCACATCAGGTG  
 CTTTGTGTGCAAAGCGTGTGGCTGTGACCTGGCTGAGGGTGGCTTCTTCGTGAGGCAAGGTGAGCACATT  
 TGCACACGTGACTACCAGCGGCTCTATGGCACTCGCTGCTTCAGCTGTGACCGCTTCATTGAAGGCGAAG  
 TGGTGTGCGGCGCTTGGGAAGACCTACCACCCTGACTGCTTCGTGTGTGCTGTCTGCAAGGCTGCCCTTTC  
 TCCTGGGACCGTGTGACCTTCAACGGGAAGGAGTGTATGTGCCAGAAGTGTCCCAACCCACATTGCTG  
 GGCAACAGTGTCTACGTGGCCAGGGCTCCGGAGTTGTGGGGCTGTGGCTTAGAAATCAAGAATGGCC  
 AGGCCCTGGTGGCTTTGGACAAGCACTGGCACCTGGGATGCTTCAAGTGAAGACTTGTGGGAACTCCT  
 CAATGCAGAGTACATCAGCAAGGACGGGCTGCCCTACTGCGAGGCTGATTATCACAGCAAGTTTGGCATC  
 CGCTGCGACGGCTGTGAGAAGTACATCACGGGCGGGTGTAGAGGCCGAGAGAAGCACTACCACCCTT  
 CATGTGCGCTATGCGTCAGGTGCGGCCAGATGTTCTCAGAGGGCGAGGAGATGTACCTGCAAGGCTCCTC  
 CATCTGGCATCCGGCATGTGACAGGCAGCCAGGACTGAAGACAAGAGCAAGGAAACCAGGACTTCTTCG  
 GAGAGCATTGTCTCCGTGCCTCCAGCACGTACGGTCCCGGAGCCGTGTGATCTACGCAAAGCTTG  
 GCGATGAGATCCTGGACTACAGGACTTGGCTGCTTCCCAAAAACAAGCGATCTACAACATCGACCG  
 CCCCAGATGATCCTATTCCGCTACATTAGCCACTCGGCCGTGGGGACAGGCAGAGCTATGGCGAG  
 GGGGATCAGGATGATCGGTCTACAAGCAGTGCAGGACCTCCAGCCCCAGCTCTGCCGGCTCAGTCAGCC  
 TCGGACACTACCCCCAACCTCACGGTCACCCCAGCACTACAGTGTCCAGGCAGCGAAAGTGGCCGTAG  
 CACCCCGAGTCTCTCAGTGCCTCCGACAGCAGACCTCCTTCTCTACCTACCAGCAGGCTCCGAGACAC  
 TTCCACGTCCCAGACACTGGCGTAAAAGATAACATCTATAGGAAACCCCTATCTACAAACAGCAGCTG  
 CCAGGCGATTGGACGTGGAGGACAGCAGCTTTGACCAGGACAGCAGGAAGAAGACAACCTGGCTGCTTCT  
 CAAGGGGGATGCAGACACCAGAATAACTCTCCAGACCTGGACAGTCAAGTCAAGTATAAGATATATCCCTATG  
 ATTCCCTCATCGTAACAAACCGAATTCGTGTGAAACTGCCCAAAGACGTGGACCGGACACGGCTGGAGAG  
 ACACCTATCACCTGAGGAGTCCAAGAAGTGTGGGATGAGCATCGAGGAGTTTACCAGGCTGGCCCTG  
 TGAAGAGGAATGACCTCAAGAAGAAAGCCTTGTCTGTT

**ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA**

**Protein Sequence:**

>MG224924 representing NM\_001177700  
 Red=Cloning site Green=Tags(s)

MSAVSQPQAAHAPLEKPASTAILCNTCGNVCKGEVLRVQNKYFHIRCFVCKACGCDLAEGGFFVRQGEHI  
 CTRDYQRLYGTRCFSCDRFIEGEVVSALGKTYHPDCFVCAVCRLPFPPGDRVTFNGKECMQKCSPTLL  
 GNSAHVAQGLRSCGGCGLEIKNGQALVALDKHWHLGCFKCKTCGKLLNAEYISKDGLPYCEADYHSKFGI  
 RCDGCEKYITGRVLEAGEKHYPSCALCVRGQMFSEGEEMYLQSSIIWHPACRQAARTEDKSKETRSTSS  
 ESIVSVPASSTSGSPSRVIYAKLGDEILDYRDLAALPKNKAIYNIDRPDMISYSPYISHSAVGDRQSYGE  
 GDQDDRSYKQCRSTSSPSSAGSVSLGHYTPTSRSPQHYSRPGSESGRSTPSLSVHSDSRPPSSTYQQAPRH  
 FHVPDGTGVDNIYRKPPIYKQHAARRLDVEDSSFDQDSRKKTTWLLLKGDADTRTNSPDLDSQSLSSG  
 TDQEPLQRMAGDSLVSQYKIYPYDSLIVTNRIRVKKLPKDVDRTRLERHLSPEEFQEVFGMSIEEFDRLAL  
 WKRNDLKKKALLF

**TRTRPLE - GFP Tag - V**

**Restriction Sites:**

Sgfl-MluI



<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001177700.1</a> , <a href="#">NP_001171171.1</a>
<b>RefSeq Size:</b>	3453 bp
<b>RefSeq ORF:</b>	1722 bp
<b>Locus ID:</b>	231148
<b>UniProt ID:</b>	<a href="#">Q8BL65</a>
<b>Cytogenetics:</b>	5 B3
<b>Gene Summary:</b>	May act as scaffold protein. May stimulate ABRA activity and ABRA-dependent SRF transcriptional activity.[UniProtKB/Swiss-Prot Function]