

## Product datasheet for **MR223681**

### **Ablim2 (NM\_001177698) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ablim2 (NM_001177698) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ablim2
Synonyms:	A1606905; C230091L11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>MR223681 representing NM\_001177698  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCGCAGTGTGCGAGCCCCAGGCTGCTCATGCCCACTGGAGAAGCCGGCCAGCACTGCGATCCTGT  
 GTAATACCTGTGGGAATGTGTGCAAGGGAGAGGTGCTGCGTGTGAGAACAAGTACTTCCACATCAGGTG  
 CTTTGTGTGCAAAGCGTGTGGCTGTGACCTGGCTGAGGGTGGCTTCTTCGTGAGGCAGGGTGAGCACATT  
 TGCACACGTGACTACCAGCGGCTCTATGGCACTCGCTGCTTACGCTGTGACCGCTTCATTGAAGCGAAG  
 TGGTGTGCGGCGTTGGGAAGACCTACCACCCTGACTGCTTCGTGTGTGCTGTCTGCAGGCTGCCCTTTC  
 TCCTGGGACCGTGTGACCTTCAACGGGAAGGAGTGTATGTGCCAGAAGTGTCCCAACCCACATTGCTG  
 GGCAACAGTGTCTACGTGGCCAGGGCTCCGGAGTTGTGGGGCTGTGGCTTAGAAATCAAGAATGGCC  
 AGGCCCTGGTGGCTTTGGACAAGCACTGGCACCTGGGATGCTTCAAGTGAAGACTTGTGGGAACTCCT  
 CAATGCAGAGTACATCAGCAAGGACGGGCTGCCCTACTGCGAGGCTGATTATCACAGCAAGTTTGGCATC  
 CGCTGCGACGGCTGTGAGAAGTACATCACGGGCCGGGTGCTAGAGGCCGGAGAGAAGCACTACCACCCTT  
 CATGTGCGCTATGCGTCAAGTGCAGGTCAGATGTTCTCAGAGGGCAGGAGATGTACCTGCAAGGCTCCTC  
 CATCTGGCATCCGGCATGTGACAGGCAGCCAGGACTGAAGACAAGAGCAAGATGCACAGCTCTGTTTGC  
 AGCCAGCCTGCCCGGCCACCCTGCCCTGTGCCTTACAGGAAACCAGGACTTCTTCGGAGAGCATTGTCT  
 CCGTGCCTGCCTCCAGCACGTGAGGTCGCCGAGCCGTGTGATCTACGCAAAGCTTGGCGATGAGATCCT  
 GGACTACAGGGACTTGGCTGCTTCCCAAAAACAAGCGATCTACAACATCGACCGCCCGACATGATC  
 TCCTATTCGCCCTACATTAGCCACTCGCCGTGGGGACAGGCAGAGCTATGGCGAGGGGATCAGGATG  
 ATCGGTCCTACAAGCAGTGCAGGACCTCCAGCCCAGCTCTGCCGGCTCAGTCAGCCTCGGACACTACAC  
 CCCAACCTCACGGTCACCCAGCACTACAGTCGTCCAGCTGGTACTGTGAGTGTGGTACCAGTAGCTGT  
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 GCGAAAGTGGCCGTAGCACCCCGAGTCTCTCAGTGCCTCCGACAGCAGACCTCCTTCTCTACCTACCA  
 GCAGGCTCCGAGACACTTCCACGTCCCAGCTGCCAGGCGATTGGACGTGGAGGACAGCAGCTTTGACCAG  
 GACAGCAGGAAGAAGACAACCTGGCTGCTTCAAGGGGATGCAGACACCAGAATACTCTCCAGACC  
 TGGACAGTCAGTCGCTGTCCCTCAGCAGCGGACTGACCAGAACCTCTCCAAGAATGGCAGGGGACAG  
 CCTCTACTCACAGTATAAGATATATCCCTATGATTCCTCATCGTAACAAACCGAATTCGTGTAAACTG  
 CCCAAAGACGTGGACCGGACACGGCTGGAGAGACCTATCACCTGAGGAGTTCCAAGAAGTGTGGGA  
 TGAGCATCGAGGAGTTTGACCGCTGGCCCTGTGGAAGAGGAATGACCTCAAGAAGAAAGCCTTGCTGTT  
 C

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR223681 representing NM\_001177698  
 Red=Cloning site Green=Tags(s)

MSAVSQPQAHAHAPLEKPASTAILCNTCGNVCKGEVLRVQNKYFHIRCFVCKACGCDLAEGGFFVRQGEHI  
 CTRDYQRLYGTRCFSCDRFIEGEVVSALGKTYHPDCFVCAVCRLPFPDPDRVTFNGKECMQKCSPTLL  
 GNSAHVAQGLRSCGGGLEIKNGQALVALDKHWHLGCFKCKTCGKLLNAEYISKDGLPYCEADYHSKFGI  
 RCDGCEKYITGRVLEAGEKHYHPSALCVRGQMFSEGEEMYLQGSIIWHPACRQAARTEDKSKMHSSVC  
 SQPCPGTLPCALQETRSTSEIIVSVPASSTSGSPSRVIYAKLGDILDYRDLAALPKNKAIYNIDRPDMI  
 SYSPYISHSAVGRQSYGEGDQDDRSYKQCRSTSPSSAGSVSLGHYTPTRSPQHYSRPAQTVSVGTSSC  
 LSLSQHPSPSTVFRHHYIPYFRGSESGRSTPSLSVHSDSRPPSSTYQQAPRHFHVAARRLDVEDSSFDQ  
 DSRKKTWLLKGDADTRTNSPDLDSQSLSSSGTDQEPLQRMAGDSLVSQYKIYPYDSLIVTNRIRVKL  
 PKDVDRTRLERHLSPEEFQEVFGMSIEEFDRLALWKRNDLKKKALLF

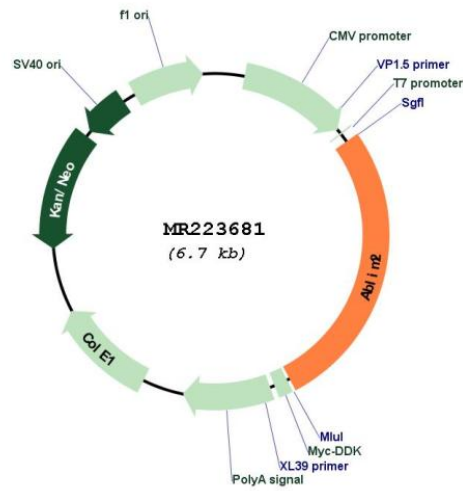
**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001177698

ORF Size: 1821 bp

<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_001177698.1</a> , <a href="#">NP_001171169.1</a>
<b>RefSeq Size:</b>	3555 bp
<b>RefSeq ORF:</b>	1824 bp
<b>Locus ID:</b>	231148
<b>Cytogenetics:</b>	5 B3
<b>MW:</b>	67.7 kDa
<b>Gene Summary:</b>	May act as scaffold protein. May stimulate ABRA activity and ABRA-dependent SRF transcriptional activity.[UniProtKB/Swiss-Prot Function]