

Product datasheet for **MG224103**

Ablim2 (NM_001177699) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ablim2 (NM_001177699) 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:

>MG224103 representing NM_001177699
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCGCAGTGTGCGAGCCCCAGGCTGCTCATGCCCACTGGAGAAGCCGGCCAGCACTGCGATCCTGT
 GTAATACCTGTGGGAATGTGTGCAAGGGAGAGGTGCTGCGTGTGCAAGAACAAGTACTTCCACATCAGGTG
 CTTTGTGTGCAAAGCGTGTGGCTGTGACCTGGCTGAGGGTGGCTTCTTCGTGAGGCAGGGTGTGACACATT
 TGCACACGTGACTACCAGCGGCTCTATGGCACTCGCTGCTTCAGCTGTGACCGCTTCATTGAAGCGAAG
 TGGTGTGCGGCGCTTGGGAAGACCTACCACCCTGACTGCTTCGTGTGTGCTGTCTGCAAGGCTGCCCTTTC
 TCCTGGGACCGTGTGACCTTCAACGGGAAGGAGTGTATGTGCCAGAAGTGTCCCAACCCACATTGCTG
 GGCAACAGTGTCTACGTGGCCAGGGCTCCGGAGTTGTGGGGCTGTGGCTTAGAAATCAAGAATGGCC
 AGGCCCTGGTGGCTTTGGACAAGCACTGGCACCTGGGATGCTTCAAGTGAAGACTTGTGGGAACTCCT
 CAATGCAGAGTACATCAGCAAGGACGGGCTGCCCTACTGCGAGGCTGATTATCACAGCAAGTTTGGCATC
 CGCTGCGACGGCTGTGAGAAGTACATCACGGGCCGGGTGCTAGAGGCCGGAGAGAAGCACTACCACCCTT
 CATGTGCGCTATGCGTCAAGTGCAGGTCAGATGTTCTCAGAGGGCGAGGAGATGTACCTGCAAGGCTCCTC
 CATCTGGCATCCGGCATGTGACAGGCAGCCAGGACTGAAGACAAAAGCAAGGAAACCAGGACTTCTCTCG
 GAGAGCATTGTCTCCGTGCCTCCAGCACGTACGGTCCCGGAGCCGTGTGATCTACGCAAAGCTTG
 GCGATGAGATCCTGGACTACAGGGACTTGGCTGCTTCCCAAAAACAAGCGATCTACAACATCGACCG
 CCCCAGATGATCTCCTATTCGCCCTACATTAGCCACTCGGCCGTGGGGACAGGCAGAGCTATGGCGAG
 GGGGATCAGGATGATCGGTCTACAAGCAGTGCAGGACCTCCAGCCCCAGCTCTGCCGGCTCAGTCAGCC
 TCGGACACTACCCCCAACCTCACGGTCAACCCAGCACTACAGTGCCTCCAGCTGGTACTGTGAGTGTGG
 TACCAGTAGTGTCTGTCCCTGTCCCAACACCCAAAGCCCTACATCCGTGTTGAGACATCATTACATCCCC
 TACTTCCGAGGCAGCGAAAGTGGCCGTAGCACCCGAGTCTCTCAGTGCCTCCGACAGCAGACCTCCTT
 CCTCTACCTACCAGCAGGCTCCGAGACACTTCCACGTCCAGACACTGGCGTAAAAGATAACATCTATAG
 GAAACCCCTATCTACAACAGCAGCTGCCAGGCGATTGGACGTGGAGGACAGCAGCTTCGACCAGGAC
 AGCAGGAAGAAGACAACCTGGCTGCTTCTCAAGGGGATGCAGACACCAGAACTAACTCTCCAGACCTGG
 ACAGTCAGTCGCTGTCCCTCAGCAGCGGACTGACCAGGAACCTCTCAAAGGATGGCAGGGGACAGCCT
 CTACTCACAGTAAAGATATATCCCTATGATTCCCTCATCGTAACAAACCGAATTCGTGTGAAACTGCC
 AAAGACGTGGACCGGACCGGCTGGAGAGACACCTATCACCTGAGGAGTCCAAGAAGTGTGGGATGA
 GCATCGAGGAGTTTGACCGCTGCCCTGTGGAAGAGGAATGACCTCAAGAAGAAAGCCTTGCTGTTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG224103 representing NM_001177699
 Red=Cloning site Green=Tags(s)

MSAVSQPQAHAHAPLEKPASTAILCNTCGNVCKGEVLRVQNKYFHIRCFVCKACGCDLAEGGFFVRQGEHI
 CTRDYQRLYGTRCFSCDRFIEGEVVSALGKTYHPDCFVCAVCRLPFPPGDRVTFNGKECMQKCSPTLL
 GNSAHVAQGLRSCGGGLEIKNGQALVALDKHWHLGCFKCKTCGKLLNAEYISKDGLPYCEADYHSKFGI
 RCDGCEKYITGRVLEAGEKHYPSCALCVRGQMFSEGEEMYLQGSSIWHAPACRQAARTEDKSKETRTSS
 ESIVSVPASSTSGSPSRVIYAKLGDEILDYRDLAALPKNKAIYNIDRPDMISYSPYISHSAVGDRQSYGE
 GDQDDRSYKQCRTSSPSSAGSVSLGHYPTSRSPQHYSRPAGTVSVGTSSCLSLSQHPSPVFRHHYIP
 YFRGSEGRSTPSLSVHSDSRPPSSTYQQAPRHFHVPDTGVKDNIYRKPPIYKQHAARRLDVEDSSFDQD
 SRKKTWLLKGDADTRTNSPDLDSQSLSSGTDQEPLQRMAGDSLVSQYKIYPYDSLIVTNRIRVKLP
 KDVDRTLRHLSPPEFQEVFGMSIEEFDRLLALWKRNDLKKKALLF

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001177699

ORF Size: 1818 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_001177699.1](#), [NP_001171170.1](#)

RefSeq Size: 3552 bp

RefSeq ORF: 1821 bp

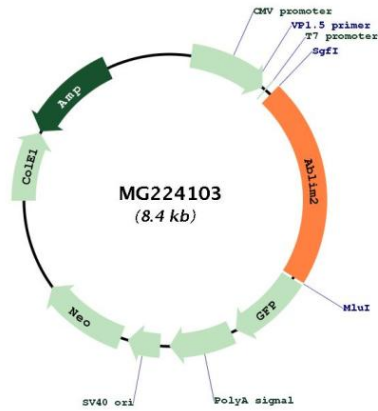
Locus ID: 231148

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]

Product images:



Circular map for MG224103