

Product datasheet for **MG223383**

Ablim2 (NM_177678) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ablim2 (NM_177678) 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:

>MG223383 representing NM_177678
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCGCAGTGTGCGAGCCCCAGGCTGCTCATGCCCACTGGAGAAGCCGGCCAGCACTGCGATCCTGT
 GTAATACCTGTGGGAATGTGTGCAAGGGAGAGGTGCTGCGTGTGCAAGAACAAGTACTTCCACATCAGGTG
 CTTTGTGTGCAAAGCGTGTGGCTGTGACCTGGCTGAGGGTGGCTTCTTCGTGAGGCAGGGTGAACATT
 TGCACACGTGACTACCAGCGGCTCTATGGCACTCGCTGCTTCAGCTGTGACCGCTTCATTGAAGCGAAG
 TGGTGTGCGGCGTTGGGAAGACCTACCACCCTGACTGCTTCGTGTGTGCTGTCTGCAAGGCTGCCCTTTC
 TCCTGGGACCGTGTGACCTTCAACGGGAAGGAGTGTATGTGCCAGAAGTGTCCCAACCCACATTGCTG
 GGCAACAGTGTCTACGTGGCCAGGGCTCCGGAGTTGTGGGGCTGTGGCTTAGAAATCAAGAATGGCC
 AGGCCCTGGTGGCTTTGGACAAGCACTGGCACCTGGGATGCTTCAAGTGAAGACTTGTGGGAACTCCT
 CAATGCAGAGTACATCAGCAAGGACGGGCTGCCCTACTGCGAGGCTGATTATCACAGCAAGTTTGGCATC
 CGCTGCGACGGCTGTGAGAAGTACATCACGGGCCGGGTGCTAGAGGCCGAGAGAAGCACTACCACCCTT
 CATGTGCGCTATGCGTCAGGTGCGGCCAGATGTTCTCAGAGGGCGAGGAGATGTACCTGCAAGGCTCCTC
 CATCTGGCATCCGGCATGTGACAGGCAGCCAGGACTGAAGACAAGAGCAAGGAAACCAGGACTTCTTCG
 GAGAGCATTGTCTCCGTGCCTCCAGCACGTACGGTCCCGGAGCCGTGTGATCTACGCAAAGCTTG
 GCGATGAGATCCTGGACTACAGGACTTGGCTGCTTCCCAAAAACAAGCGATCTACAACATCGACCC
 CCCCAGATGATCCTATTCCGCTACATTAGCCACTCGGCCGTGGGGACAGGCAGAGCTATGGCGAG
 GGGGATCAGGATGATCGGTCTACAAGCAGTGCAGGACCTCCAGCCCCAGCTCTGCCGGCTCAGTCAGCC
 TCGGACACTACCCCCAACCTCACGGTCAACCCAGCACTACAGTGTCCAGGCAGCGAAAGTGGCCGTAG
 CACCCCGAGTCTCTCAGTGCACCTCCGACAGCAGACCTCCTTCTCTACCTACCAGCAGGCTCCGAGACAC
 TTCCACGTCCAGACACTGGCGTAAAAGATAACATCTATAGGAAACCCCTATCTACAAACAGCAGGCTG
 CCAGGCGATTGGACGTGGAGGACAGCAGCTTGGACAGGACAGCAGGAAGAAGACAACCTGGCTGCTTCT
 CAAGGGGGATGCAGACACCAGAATACTCTCCAGACCTGGACAGTCAAGTCGCTGTCCCTCAGCAGCGGG
 ACTGACCAGGAACCTCTCAAAGAATGGCAGGGGACAGCCTCTACTCACGCTTTCCTTATCCAAACCTG
 AACTCTTCCAGGACCCAGGAAGGATGGCTGGACCTCCGGAATGCCAACCTGGCCCTTGTGGAGCAGA
 CCCGGATGCCAGTGGGGCACGCGAGAGTATAAGATATATCCCTATGATTCCTCATCGTAACAAACCGA
 ATTCGTGTGAAACTGCCAAAGCAGTGGACCGGACACGGCTGGAGAGACCTATCACCTGAGGAGTTCC
 AAGAAGTGTTTGGGATGAGCATCGAGGAGTTTACCGCCTGGCCCTGTGGAAGAGGAATGACCTCAAGAA
 GAAAGCCTTGCTGTTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG223383 representing NM_177678
 Red=Cloning site Green=Tags(s)

MSAVSQPQAHAHAPLEKPASTAILCNTCGNVCKGEVLRVQNKYFHIRCFVCKACGCDLAEGGFFVRQGEHI
 CTRDYQRLYGTRCFSCDRFIEGEVVSALGKTYHPDCFVCAVCRLPFPFGDRVTFNGKECMQCQKCSPTLL
 GNSAHVAQGLRSCGGCGLEIKNGQALVALDKHWHLGCFKCKTCGKLLNAEYISKDGLPYCEADYHSKFGI
 RCDGCEKYITGRVLEAGEKHYHPSCALCVRGQMFSEGEEMYLQSSIWHPACRQAARTEDKSKETRSTSS
 ESIVSVPASSTSGSPSRVIYAKLGDEILDYRDLAALPKNKAIYINIDRPDMI SYSPYISHSAVGDRQSYGE
 GDQDDRSYKQCR TSSPSSAGSVSLGHYTPTSRSPQHYSRPGSESGRSTPSLSVHSDSRPPSSTYQQAPRH
 FHVPDGTGVDNIYRKPIYKQHAARRLDVEDSSFDQDSRKKTTWLLLKGDADTRTNSPDLDSQSLSLSSG
 TDQEPLQRMAGDSL YSRFPYKPDTPGPRKDGLDLRNANLAPCGADPDASWGTREYKIYPYDSLIVTNR
 IRVKLPKDVDRTRLERHLSPEEFQEVFGMSIEEFDRLALWKRNDLKKKALLF

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_177678

ORF Size: 1836 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_177678.7](#), [NP_808346.3](#)

RefSeq Size: 3570 bp

RefSeq ORF: 1839 bp

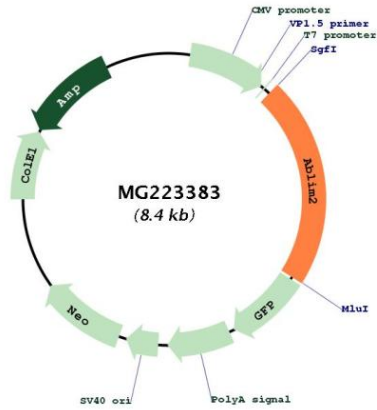
Locus ID: 231148

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 MG223383