

Product datasheet for **MG224915**

Ablim2 (NM_001177697) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ablim2 (NM_001177697) 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:

>MG224915 representing NM_001177697
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCGCAGTGTGCGAGCCCCAGGCTGCTCATGCCCACTGGAGAAGCCGGCCAGCACTGCGATCCTGT
 GTAATACCTGTGGGAATGTGTGCAAGGGAGAGGTGCTGCGTGTGCAAGAACAAGTACTTCCACATCAGGTG
 CTTTGTGTGCAAAGCGTGTGGCTGTGACCTGGCTGAGGGTGGCTTCTTCGTGAGGCAGGGTGAACACATT
 TGCACACGTGACTACCAGCGGCTCTATGGCACTCGCTGCTTCAGCTGTGACCGCTTCATTGAAGCGAAG
 TGGTGTGCGGCGCTTGGGAAGACCTACCACCCTGACTGCTTCGTGTGTGCTGTCTGCAAGGCTGCCCTTTC
 TCCTGGGACCGTGTGACCTTCAACGGGAAGGAGTGTATGTGCCAGAAGTGTCCCAACCCACATTGCTG
 GGCAACAGTGTCTACGTGGCCAGGGCTCCGGAGTTGTGGGGCTGTGGCTTAGAAATCAAGAATGGCC
 AGGCCCTGGTGGCTTTGGACAAGCACTGGCACCTGGGATGCTTCAAGTGAAGACTTGTGGGAAACTCCT
 CAATGCAGAGTACATCAGCAAGGACGGGCTGCCCTACTGCGAGGCTGATTATCACAGCAAGTTTGGCATC
 CGCTGCGACGGCTGTGAGAAGTACATCACGGGCGGGTGTAGAGGCCGAGAGAAGCACTACCACCCTT
 CATGTGCGCTATGCGTCAAGTGCAGGTCAGATGTTCTCAGAGGGCAGGAGATGTACCTGCAAGGCTCCTC
 CATCTGGCATCCGGCATGTGACAGGCAGCCAGGACTGAAGACAAGCAAGGAAACCAGGACTTCTTCG
 GAGAGCATTGTCTCCGTGCCTCCAGCACGTCAAGGTCGCCGAGCCGTGTGATCTACGCAAAGCTTG
 GCGATGAGATCCTGGACTACAGGACTTGGCTGCTTCCCAAAAACAAGCGATCTACAACATCGACCG
 CCCCAGACATGATCCTATTGCCCCTACATTAGCCACTCGGCCGTGGGGACAGGCAGAGCTATGGCGAG
 TCACCTCAGTTGCTCTCACCAACGCCGACTGAGGGGATCAGGATGATCGGTCTACAAGCAGTGCAGGA
 CCTCCAGCCCCAGCTCTGCCGGCTCAGTCAGCCTCGGACACTACCCCCAACCTCACGGTCAACCCAGCA
 CTACAGTCGTCCAGCTGGTACTGTGAGTGTGGTACCAGTAGCTGTCTGTCCCTGTCCCAACACCCAAGC
 CCTACATCCGTGTTTACAGCATCATTACATCCCCTACTTCCGAGGCAGCAAGTGGCCGTAGCACCCCGA
 GTCTCTCAGTGCCTCCGACAGCAGACCTCCTTCTCTACCTACCAGCAGGCTCCGAGACACTTCCACGT
 CCCAGACACTGGCGTAAAAGATAACATCTATAGGAAACCCCTATCTACAAAACAGCACGCTGCCAGGCGA
 TTGGACGTGGAGGACAGCAGCTTTGACCAGGACAGCAGGAAGAAGACAACCTGGCTGCTTCTCAAGGGG
 ATGCAGACACCAGAACTAACTCTCCAGACTGGACAGTCACTGCTGCTCCCTCAGCAGCGGGACTGACCA
 GGAACCTCTCAAAGAATGGCAGGGGACAGCCTTACTCACAGTATAAGATATATCCCTATGATTCCTC
 ATCGTAACAAACCGAATTCGTGTGAAACTGCCAAAGACGTGGACCGGACACGGCTGGAGAGACACCTAT
 CACCTGAGGAGTTCCAAGAAGTGTGGGATGAGCATCGAGGAGTTTACCGCCTGGCCCTGTGGAAGAG
 GAATGACCTCAAGAAGAAAGCCTTGTGTTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG224915 representing NM_001177697
 Red=Cloning site Green=Tags(s)

MSAVSQPQAHAHAPLEKPASTAILCNTCGNVCKGEVLRVQNKYFHIRCFVCKACGCDLAEGGFFVRQGEHI
 CTRDYQRLYGTRCFSCDRFIEGEVVSALGKTYHPDCFVCAVCRLPFPFGDRVTFNGKECMCQKCSPTLL
 GNSAHVAQGLRSCGGCGLEIKNGQALVALDKHWHLGCFKCKTCGKLLNAEYISKDGLPYCEADYHSKFGI
 RCDGCEKYITGRVLEAGEKHYHPSCALCVRGQMFSEGEEMYLQSSIWHPACRQAARTEDKSKETRSTSS
 ESIVSVPASSTSGSPSRVIYAKLGDEILDYRDLAALPKNKAIYNIIDRPDMI SYSPYISHSAVGDRQSYGE
 SPQLLSPTPTEGDQDDRSYKQCRSSPSSAGSVSLGHYPTPSRSPQHYSRPAAGTVSVGTSSLSLSQHPS
 PTSVFRHHYIPYFRGSESGRSTPSLSVHSDSRPPSSTYQQAPRHFHVPDGTGKDNIIYRKPPIYKQHAARR
 LDVEDSSFQDSRKKTTWLLKGDADTRTNSPDLDSQSLSLSSGTDQEPLQRMAGDSLVSQYKIYPYDLSL
 IVTNRIRVKLPKDVRTRLERHLSPEEFQEVFGMSIEEFDRLALWKRNDLKKKALLF

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001177697

ORF Size: 1851 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_001177697.1](#), [NP_001171168.1](#)

RefSeq Size: 3585 bp

RefSeq ORF: 1854 bp

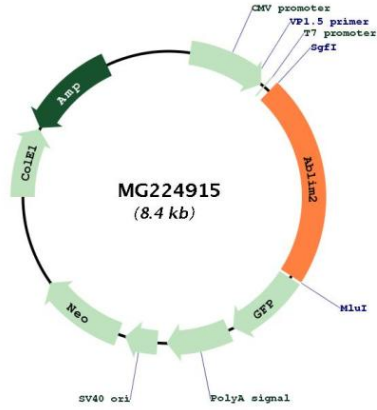
Locus ID: 231148

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 MG224915