

Product datasheet for **RG225911**

ABLIM2 (NM_001130087) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ABLIM2 (NM_001130087) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ABLIM2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG225911 representing NM_001130087
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGTGCAGTGTGCGAGCCCCAGGCTGCTCCAGCCCGTGGAGAAGTCGCCAGCACGGCGATCCTGT
 GCAACACGTGTGGGAATGTGTGCAAGGGCGAGGTGCTGCGGGTGCAGGACAAGTACTTCCACATCAAGTG
 CTTCTGTGTAAGCATGTGGCTGCGACCTGGCCGAGGGCGGCTTCTTCGTGCGGACGGCGAGTACATC
 TGCACGCTGGACTACCAGAGGCTCTACGGCACCCGCTGCTTCAGCTGCGACCAGTTCATTGAGGGTGAGG
 TGGTGTGCGGCGTGGCAAGACCTACCACCCGACTGCTTCGTGTGTGCCGTCTGCCGGTCCCTTCCC
 CCCCAGGGACCGAGTGACCTTCAACGGGAAGGAATGCATGTGCCAGAAGTGTTCCTGCCGTATCGGTG
 GGCAGCAGCGCACCTGTCCAGGGCCTCCGAAGTTGTGGGGTCTGCGGCACAGAAATCAAGAATGGCC
 AGGCCCTGGTAGCCTTGGACAAGCACTGGCACTGGGCTGTTTTAAGTCAAGAGCTGTGGGAAGCTCCT
 GAATGCCGAGTACATCAGCAAGGATGGGCTGCCCTACTCGAAGCTGACTATCACGCCAAGTTCGGCATC
 CGCTGTGACAGCTGTGAGAAATACATCACGGGGCGCGTGTGGAGCCGGAGAGAAGCACTACCACCTT
 CCTGCGCGCTATGTGTCAGGTGCGGCCAGATGTTTGCAGAAGGCCAAGAGATGTATCTTCAAGTTCCCTC
 CATCTGGCATCCGGCGTGTGACAAGCAGCCAGAAGTGAAGACAGAAACAAGGAAACCAGAACTTCTCTCA
 GAGAGCATCATTCTGTCCCTGCTTCCAGCACCTCAGGGTCTCCGAGCCGTGTGATTTATGCCAAGCTTG
 GTGGTGAATCCTGGACTACAGGGACTTGGCAGCCCTTCTAAAAGTAAAGCCATCTATGACATCGACCG
 CCCCAGCATGATCCTACTCACCTACATCAGCCACTTGCAGGGGACAGGCAGAGCTACGGCGAGTCC
 CCTCAGTTGCTCTCGCCAACGCCAGCCAGGGGGATCAGGATGACCGGTCTACAAGCAGTGTCCGACCT
 CCAGCCCAAGCTCCAAGTGGTGGTTCAGCTCGGGCGCTACACTCCGACCTCACGGTCCACACGACTA
 CAGCCGTCCAGCTGCCAGGCGATCGGATGGGGAGGATGGAAGCTTGGACCAGGATAACAGGAAGAAGAGC
 AGCTGGCTGATGCTCAAGGGGATGCAGACACAAGGACCAATTCTCCAGACCTGGACACCCAGTCTTGT
 CCCACAGCAGCGGGACCGACAGAGACCCTCTCCAAAGGATGGCAGGGGACAGCTTTCACTCACAATAAA
 GATCTATCCGATGACTCCCTCATCGTACAAACCGAATTCGCGTGAAGTGCACAAAGCAGTGGACCGG
 ACGAGACTGGAGAGACTTGTGCCCCGAGGAGTCCAGGAAGTGTGGGATGAGCATCGAGGAGTTTG
 ACCGCTGGCCCTCTGGAAGAGGAATGACCTTAAGAAGAAAGCCCTTTTGTTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG225911 representing NM_001130087
 Red=Cloning site Green=Tags(s)

MSAVSQQAAPSPLEKSPSTAILCNTCGNVCKGEVLRVQDKYFHIKCFVCKACGCDLAEGGFFVVRQGEYI
 CTLDYQRLYGTRCFSCDQFIEGEEVVSALGKTYHPDCFVCAVCRLPFPPGDRVTFNGKECMCQKCSLPVSV
 GSSAHLSQLRSCGGCGTEIKNGQALVALDKHWHLGCFKCKSCGKLLNAEYISKDGLPYCEADYHAKFGI
 RCDSCEKYITGRVLEAGEKHYHPSALCVRGQMFAGEEEMYLQSSIWHPACRQAARTEDRNKETRTSS
 ESIIISVPASSTSGSPSRVIYAKLGGEILDYRDLAALPKSKAIYDIDRPDMISYSPYISHSAGDRQSYGES
 PQLLSPTPTEGDQDRSYKQCRSSPSSSTGSVSLGRYPTSRSPQHYSRPAARRSDGEDGSLDQDNRKKS
 SWLMLKGDADTRTNSPDLDTQSLSHSSGTRDPLQRMAGDSFHSQYKIYPYDSLIVTNRIRVKLPKDVDR
 TRLERHLSPEEFQEVFGMSIEEFDRLLALWKRNDLKKKALLF

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001130087

ORF Size: 1593 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_001130087.2](#)

RefSeq Size: 3432 bp

RefSeq ORF: 1596 bp

Locus ID: 84448

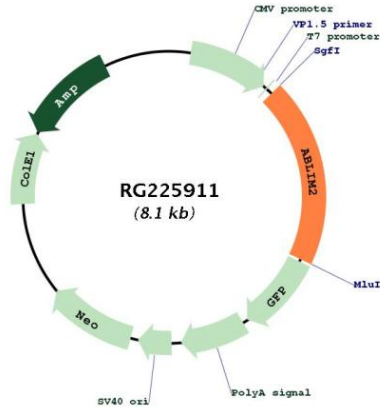
UniProt ID: [Q6H8Q1](#)

Cytogenetics: 4p16.1

Protein Pathways: Axon guidance

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 RG225911