

Product datasheet for **MG216337**

Ablim3 (NM_198649) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ablim3 (NM_198649) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ablim3
Synonyms:	AW990719; D930036B08Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG216337 representing NM_198649
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACACGAGCATTCCCTTACCAGCAGAGTCCGTACAGTCCCGGGCGGCTCCAATGTCATCCAGTGCT
 ACCGCTGCGGAGACACCTGCAAAGGGGAGGTGGTCCGTGTCCACAACAACCACTTCCACATCCGATGCTT
 CACTTGTCAAGTATGTGGATGTGGCCTGGCCAGTCGGGCTTCTTCTCAAGAACCAGGAGTACATCTGC
 ACCCAGGACTACCAACAGCTTTATGGCACCCGCTGTGATAGCTGCCGGGACTTCATCACGGGTGAGGTCA
 TCTCTGCCCTGGGCCGTACCTACCACCCTAAATGCTTCGTATGCAGCTTGTGCAGGAAGCCTTCCCTAT
 TGGAGATAAGGTGACCTTCAGTGGGAAAGAATGTGTATGTGCAGACGTGCTCCAGTCAATGACCAGCAGC
 AAGCCGATCAAGATCCGTGGACCAAGCCACTGTGCTGGGTGCAAAGAGGAGATTAACATGGCCAGTCAC
 TTCTGGCACTGGACAAGCAGTGGCACGTCAGTGTTCAAATGCCAGACCTGTAGCGTCATCCTCACTGG
 GGAATACATTAGCAAAGACGGTGTCCATACTGCGAGTCTGACTACCACTCCAGTTTGGCATCAAATGT
 GAGACTTGTGACCGGTACATCAGTGGCAGGGTCTTGGAGGCAGGAGGAAACACTACCACCTACCTGTG
 CCAGATGTGTACGCTGCCACCAGATGTTCACTGAGGGGGAGGAGATGTATCTCACAGTTCTGAGTTTTG
 GCACCCAATCTGCAAGCAGGCAGCCAGGGCAGAGAAGAAGCTCAAGCACAGGCGGACATCTGAAACTTCC
 ATCTCACCCCCTGGTTCAGCATCGGGTGCCTAACCGAGTCACTGTGCTAAAGTGATAATGAGATCC
 TTAATTACAAAGACCTGGCAGCTCTCCCAAGGTTAAGTCCATCTACGAGGTGCAACGCCCGACCTCAT
 TTCTACGAGCCTCATTCCAGATACACCTCCGACGAGATGCTGGAGAGATGCGGTTATGGAGAGTCACTG
 GGAACATTATCTCTTACTCCCAGGACATCTATGAGAACCTGGACCTCCGGCAGAGGCGGGCCTCCAGCC
 CTGGCTACATTGATTCCCCACCTACAGTCGGCAAGGCATGTCTCCACCTTCTCCCGCTCGCCTCATT
 CTACCGCTCAGGGCCTGAGAGTGGCCGGAGCTCCCATACCATAGCCAATTAGATGTGAGTCTCCACG
 CCAACCTTTACCAGGCTCCCAAGCACTTTCACATCCCAGCTGGAGAGAGTAACATCTACCGAAAACCCC
 CGATCTACAAACGGCATGGTGATTTGTCCACAGCAACCAAGAGCAAAAACAAGTGAAGACATCAGCCAGGC
 CTCCAAGTATAGCCAGCCTACTCGCCAGACCCCTACTATGCTTCAGAGTCTGAGTATTGGACCTACCAT
 GGGTCCCCCAAAGTGCCCGAGCCAGAAGGTTCTCATCTGGAGGAGAGGAAGAGGATTTTGACCGAAGCA
 TGCACAAGCTCCAGAGTGGGATTGGCCGGCTGATCCTGAAGGAAGAGATGAAGGCGGGTCAAGCTCCTA
 TGCGGATCCTTGGACCCCTCCACGGAGCTCCACCAGCAGTCGGGAGGCCCTGCACACCCTGGCTATGAG
 ATGTCCTTCAATGGCTCCCTCGTTCACACTACCTGGCTGACAGTGATCCCTCATCTCCAATCTGCCT
 CACTGCCTGCCTACAGGAGAAATGGGCTGCACAGGACCCAGTCCGGACCTCTTCCACTACGACAGCAT
 GAACGCAGTCAACTGGGGCATGCGAGAGTACAAGATCTATCCTTATGAGCTGCTACTGGTGACCACAAGA
 GGAAGGAACCGACTGCCAAAGGATGTGGACCGGACTCGCTTAGAGCGCCACCTGTCCCAGGAGGATTCT
 ACCAAGTCTTCGGCATGACCATCTCCGAGTTCGAGAGGCTAGCCCTCTGGAAGAGGAACGAACCTGAAGAA
 GCAAGCCCGGCTTTTC

ACGCGTACGCGGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG216337 representing NM_198649
Red=Cloning site Green=Tags(s)

MNTSIPYQQSPYSPRGGSNVIQC YRCGDTCKGEVVRVHNNHFHRCFTCQVCGCGLAQSGFFFKNQEYIC
 TDQYQQLYGRCDSCRDFITGEVISALGRTYHPKCFVCSLCKRPFPIGDKVTFSGKECVCQTCQSMTSS
 KPIKIRGPHSHCAGCKEEIKHGQSLLDKQWHVSCFKCQTCVILTGEYISKDGVVPCESDYHSQFGIKC
 ETCDRYISGRVLEAGGKHYHPTCARCVRCHQMFTEGEEMYL TGSEVWHPICKQAARAEEKLKHRRTSETS
 ISPPGSSIGSPNRVICA KVDNEILNYKDLAALPKVKSIYEVQRPDLISYEPHSRYTSDEMLERCYGESL
 GTLSPYSQDIYENLDLRQRASSPGYIDSPTYSRQMSPTFSRSPHYRSGPESGRSSPYHSQLDVRSST
 PTSYQAPKHFHIPAGESNIYRKPPYIKRHGDLSTATKSKTSEDISQASKYSPAYSPDPYYASESEYWTYH
 GSPKVPARRFSSGGEEDFDRSMHKLQSGIGRLILKEEMKARSSSYADPWTPRSTSSREALHTTYE
 MSFNGLADSDPLISKASLPAYRRNGLHRTPSADLFHYDSMNAVNWGMREYKIYPYELLVTR
 GRNRLPKDVRTRLERHLSQEEFYQVFGMTISEFERLALWKRNELKKQARLF

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_198649

ORF Size: 2046 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_198649.3](#), [NP_941051.2](#)

RefSeq Size: 4545 bp

RefSeq ORF: 2049 bp

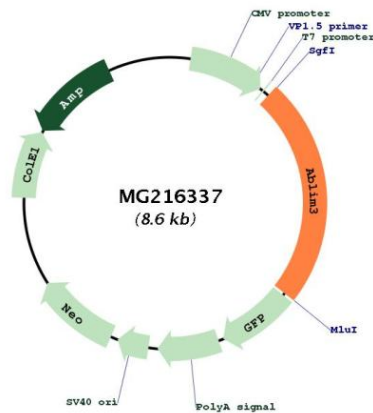
Locus ID: 319713

UniProt ID: [Q69ZX8](#)

Cytogenetics: 18 E1

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 MG216337