

Product datasheet for **MR216337**

Ablim3 (NM_198649) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ablim3 (NM_198649) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ablim3
Synonyms:	AW990719; D930036B08Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR216337 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACACGAGCATTCCCTTACCAGCAGAGTCCGTACAGTCCCGGGCGGCTCCAATGTCATCCAGTGCT
 ACCGCTGCGGAGACACCTGCAAAGGGGAGGTGGTCCGTGTCCACAACAACCACTTCCACATCCGATGCTT
 CACTTGTCAAGTATGTGGATGTGGCCTGGCCAGTCGGGCTTCTTCTCAAGAACCAGGAGTACATCTGC
 ACCCAGGACTACCAACAGCTTTATGGCACCCGCTGTGATAGCTGCCGGGACTTCATCACGGGTGAGGTCA
 TCTCTGCCCTGGGCCGTACCTACCACCCTAAATGCTTCGTATGCAGCTTGTGCAGGAAGCCTTCCCTAT
 TGGAGATAAGGTGACCTTCAGTGGGAAAGAATGTGTATGTCAGACGTGCTCCAGTCAATGACCAGCAGC
 AAGCCGATCAAGATCCGTGGACCAAGCCACTGTGCTGGGTGCAAAGAGGAGATTAACATGGCCAGTCAC
 TTCTGGCACTGGACAAGCAGTGGCACGTCAGTGTTCAAATGCCAGACCTGTAGCGTCATCCTCACTGG
 GGAATACATTAGCAAAGACGGTGTCCATACTGCGAGTCTGACTACCACTCCAGTTTGGCATCAAATGT
 GAGACTTGTGACCGGTACATCAGTGGCAGGGTCTTGGAGGCAGGAGGAAACACTACCACCTACCTGTG
 CCAGATGTGTACGCTGCCACCAGATGTTCACTGAGGGGGAGGAGATGTATCTCACAGTTCTGAGTTTTG
 GCACCCAATCTGCAAGCAGGCAGCCAGGGCAGAGAAGAAGCTCAAGCACAGGCGGACATCTGAAACTTCC
 ATCTCACCCCCTGGTTCAGCATCGGGTGCCTAACCGAGTCACTGTGCTAAAGTGGAATGAGATCC
 TTAATTACAAAGACCTGGCAGCTCTCCCAAGGTTAAGTCCATCTACGAGGTGCAACGCCCGACCTCAT
 TTCTACGAGCCTCATTCCAGATACACCTCCGACGAGATGCTGGAGAGATGCGGTTATGGAGAGTCACTG
 GAAACATTATCTCTTACTCCCAGGACATCTATGAGAACCTGGACCTCCGGCAGAGGCGGGCCTCCAGCC
 CTGGCTACATTGATTCCCCACCTACAGTCGGCAAGGCATGTCTCCACCTTCTCCCGCTCGCCTCATT
 CTACCGCTCAGGGCCTGAGAGTGGCCGGAGCTCCCCATACCATAGCCAATTAGATGTGAGGTCCTCCACG
 CCAACCTTTACCAGGCTCCCAAGCACTTTCACATCCCAGCTGGAGAGAGTAACATCTACCGAAAACCCC
 CGATCTACAAACGGCATGGTGATTTGTCCACAGCAACCAAGAGCAAAAACAAGTGAAGACATCAGCCAGGC
 CTCCAAGTATAGCCAGCCTACTCGCCAGACCCCTACTATGCTTCAGAGTCTGAGTATTGGACCTACCAT
 GGGTCCCCCAAAGTGCCCCGAGCCAGAAGGTTCTCATCTGGAGGAGAGGAAGAGGATTTTGACCGAAGCA
 TGCACAAGCTCCAGAGTGGGATTGGCCGGCTGATCCTGAAGGAAGAGATGAAGGCGGGTCAAGCTCCTA
 TGCGGATCCTTGGACCCCTCCACGGAGCTCCACCAGCAGTCGGGAGGCCCTGCACACCCTGGCTATGAG
 ATGTCCTTCAATGGCTCCCTCGTTCACACTACCTGGCTGACAGTGATCCCTCATCTCCAAATCTGCCT
 CACTGCCTGCCTACAGGAGAAATGGGCTGCACAGGACCCAGTCCGGACCTCTTCCACTACGACAGCAT
 GAACGCAGTCAACTGGGGCATGCGAGAGTACAAGATCTATCCTTATGAGCTGCTACTGGTGACCACAAGA
 GGAAGGAACCGACTGCCAAAGGATGTGGACCGGACTCGCTTAGAGCGCCACCTGTCCCAGGAGGATTCT
 ACCAAGTCTTCGGCATGACCATCTCCGAGTTCGAGAGGCTAGCCCTCTGGAAGAGGAACGAACCTGAAGAA
 GCAAGCCCGGCTTTTC

ACGCGTACGCGGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR216337 protein sequence
Red=Cloning site Green=Tags(s)

MNTSIPYQQSPYSPRGGSNVIQC YRCGDTCKGEVVRVHNNHFHRCFTCQVCGCLAQSGFFFKNQEYIC
 TDYQQLYGRCDSCRDFITGEVISALGRTYHPKCFVCSLCKRPFPIGDKVTFSGKECVCQTCSQSMTSS
 KPIKIRGPHCAGCKEEIKHGQSLALDKQWHVSCFKCQTCVILTGEYISKDGVPCESDYHSQFGIKC
 ETCDRYISGRVLEAGGKHYHPTCARCVRCHQMFTEGEEMYL TGSEVWHPICKQAARAEEKLKHRRTSETS
 ISPPGSSIGSPNRVICA KVDNEILNYKDLAALPKVKSIYEVQRPDLISYEPHSRYTSDEMLERCGYGESL
 GTLSPYSQDIYENL DLQRASSPGYIDSPTYSRQMSPTFSRSPHYRSGPESGRSSPYHSQLDVRSST
 PTSYQAPKHFHIPAGESNIYRKPP IYKRHGD LSTATKSKTSEDISQASKYSPAYSPDPYYASESEYWTYH
 GSPKVPARRFSSGEEEDFDRSMHKLQSGIGRLILKEEMKARSSSYADPWT PPRSTSSREALHTTGYE
 MSFNGLADSDPLISKASL PAYRRNGLHRTPSADLFHYDSMNAVNWGMREYKIYPYELLVTR
 GRNRLPKDVRTRLERHLSQEEFYQVFGMTISEFERLALWKRNELKKQARLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_198649

ORF Size: 2049 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

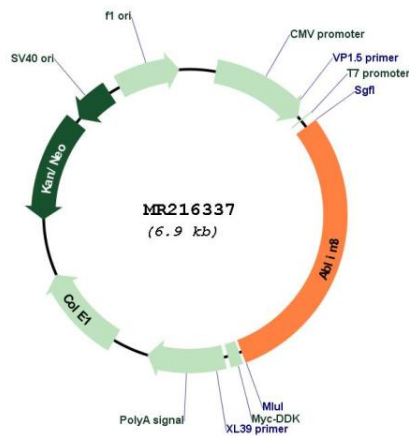
UniProt ID: [Q69ZX8](#)

Cytogenetics: 18 E1

MW: 77.6 kDa

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 MR216337