

## Product datasheet for **MR210013**

### **Ablim3 (NM\_001164491) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ablim3 (NM_001164491) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ablim3
Synonyms:	AW990719; D930036B08Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>MR210013 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAACACGAGCATTCCCTTACCAGCAGAGTCCGTACAGTCCCGGGCGGCTCCAATGTCATCCAGTGCT  
 ACCGCTGCGGAGACACCTGCAAAGGGGAGGTGGTCCGTGTCCACAACAACCACTTCCACATCCGATGCTT  
 CACTTGTCAAGTATGTGGATGTGGCCTGGCCAGTCGGGCTTCTTCTCAAGAACCAGGAGTACATCTGC  
 ACCCAGGACTACCAACAGCTTTATGGCACCCGCTGTGATAGCTGCCGGGACTTCATCACGGGTGAGGTCA  
 TCTCTGCCCTGGGCCGTACCTACCACCCTAAATGCTTCGTATGCAGCTTGTGCAGGAAGCCTTCCCTAT  
 TGGAGATAAAGGTGACCTTCAGTGGGAAAGAATGTGTATGTCAGACGTGCTCCAGTCAATGACCAGCAGC  
 AAGCCGATCAAGATCCGTGGACCAAGCCACTGTGCTGGGTGCAAAGAGGAGATTAACATGGCCAGTCAC  
 TTCTGGCACTGGACAAGCAGTGGCACGTCAGTGTTCAAATGCCAGACCTGTAGCGTCATCCTCACTGG  
 GGAATACATTAGCAAAGACGGTGTCCATACTGCGAGTCTGACTACCACTCCAGTTTGGCATCAAATGT  
 GAGACTTGTGACCGGTACATCAGTGGCAGGGTCTTGGAGGCAGGAGGGAAACACTACCACCTACCTGTG  
 CCAGATGTGTACGCTGCCACCAGATGTTCACTGAGGGGGAGGAGATGTATCTCACAGGTTCTGAGTTTTG  
 GCACCCAATCTGCAAGCAGGCAGCCAGGGCAGAGAAGAAGCTCAAGCACAGGCGGACATCTGAAACTTCC  
 ATCTCACCCCCTGGTTCAGCATCGGGTGCCTAACCGAGTCACTGTGCTAAAGTGGAATGAGATCC  
 TTAATTACAAAGACCTGGCAGCTCTCCCAAGGTTAAGTCCATCTACGAGGTGCAACGCCCGGACCTCAT  
 TTCTACGAGCCTCATTCCAGATACACCTCCGACGAGATGCTGGAGAGATGCGGTTATGGAGAGTCACTG  
 GGAACATTATCTCTTACTCCCAGGACATCTATGAGAACCTGGACCTCCGGCAGAGGCGGGCCTCCAGCC  
 CTGGCTACATTGATTCCCCACCTACAGTCGGCAAGGCATGTCTCCACCTTCTCCCGCTCGCCTCATT  
 CTACCGCTCAGGGCCTGAGAGTGGCCGGAGCTCCCCATACCATAGCCAATTAGATGTGAGGTCCTCCACG  
 CCAACCTTTACCAGGCTCCCAAGCACTTTCACATCCCAGCTGGAGAGAGTAACATCTACCGAAAACCCC  
 CGATCTACAAACGGCATGGTGATTTGTCCACAGCAACCAAGAGCAAAAACAAGTGAAGACATCAGCCAGGC  
 CTCCAAGTATAGCCAGCCTACTCGCCAGACCCCTACTATGCTTCAGAGTCTGAGTATTGGACCTACCAT  
 GGGTCCCCCAAAGTGCCCCGAGCCAGAAGGTTCTCATCTGGAGGAGAGGAAGAGGATTTTGACCGAAGCA  
 TGCACAAGCTCCAGAGTGGGATTGGCCGGCTGATCCTGAAGGAAGAGATGAAGGCGGGTCAAGCTCCTA  
 TGCGGATCCTTGGACCCCTCCACGGAGCTCCACCAGCAGTCGGGAGGCCCTGCACACCCTGGCTATGAG  
 ATGTCCTTCAATGGCTCCCTCGTTCACACTACCTGGCTGACAGTGATCCCTCATCTCCAATCTGCCT  
 CACTGCCTGCCTACAGGAGAAATGGGCTGCACAGGACCCAGTCCGGACCTCTTCCACTACGACAGCAT  
 GAACGCAGTCAACTGGGGCATGCGAGAGTACAAGATCTATCCTTATGAGCTGCTACTGGTGACCACAAGA  
 GGAAGGAACCGACTGCCAAAGGATGTGGACCGGACTCGCTTAGAGCGCCACCTGTCCCAGGAGGATTCT  
 ACCAAGTCTTCGGCATGACCATCTCCGAGTTCGAGAGGCTAGCCCTCTGGAAGAGGAACGAACTGAAGAA  
 GCAAGCCCGGCTTTTC

**ACGCGT**ACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR210013 protein sequence  
 Red=Cloning site Green=Tags(s)

MNTSIPYQQSPYSPRGGSNVIQC YRCGDTCKGEVVRVHNNHFHRCFTCQVCGCLAQSGFFFKNQEYIC  
 TDQYQQLYGTRCDSCRDFITGEVISALGRTYHPKCFVCSLCKRPFPIGDKVTFSGKECVCQTCSQSMSS  
 KPIKIRGPSHCAGCKEEIKHGQSLALDKQWHVSCFKCQTCVILTGEYISKDGVVPCESDYHSQFGIKC  
 ETCDRYISGRVLEAGGKHYHPTCARCVRCHQMFTEGEEMYL TGSEVWHPICKQAARAEEKLKHRRTSETS  
 ISPPGSSIGSPNRVICA KVDNEILNYKDLAALPKVKSIYEVQRPDLISYEPHSRYTSDEMLERCYGESL  
 GTLSPYSQDIYENLDLRQRRASSPGYIDSPTYSRQMSPTFSRSPHYRSGPESGRSSPYHSQLDVRSST  
 PTSYQAPKHFHIPAGESNIYRKPPIYKRHGDLSTATKSKTSEDISQASKYSPAYSPDPYYASESEYWTYH  
 GSPKVPRARRFSSGEEEDFDRSMHKLQSGIGRLILKEEMKARSSSYADPWTPRSTSSREALHTTGYE  
 MSFNGLSPRSHYLADSDPLISKASLPAYRRNGLHRTPSADLFHYDSMNAVNWGMREYKIYPYELLVTRR  
 GRNRLPKDVRTRLERHLSQEEFYQVFGMTISEFERLALWKRNELKKQARLF

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

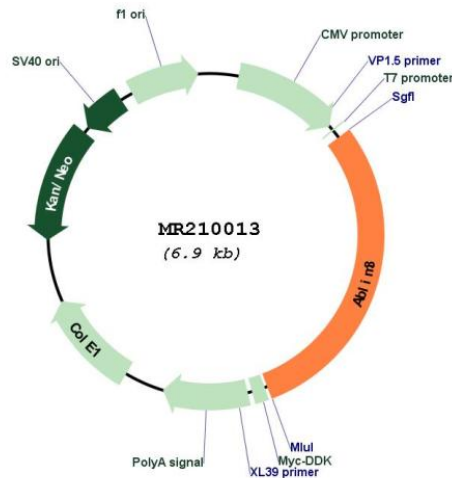
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



## Plasmid Map:



ACCN: NM\_001164491

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\\_001164491.1](#), [NP\\_001157963.1](#)

RefSeq Size: 4226 bp

RefSeq ORF:	2049 bp
Locus ID:	319713
UniProt ID:	<u>Q69ZX8</u>
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]