

## Product datasheet for **RC237618**

### **ABLIM2 (NM\_001286688) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ABLIM2 (NM\_001286688) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** ABLIM2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC237618 representing NM\_001286688  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTTTGAGAAGGCGAAGAGATGTATCTTCAAGTTCTCCATCTGGCATCCGGCGTGTGCACAAGCAG  
CCAGAACTGAAGACAGAAACAAGGAAACCAGAACTTCTCAGAGAGCATATTTCTGTCCCTGCTTCCAG  
CACCTCAGGGTCTCCGAGCCGTGTGATTTATGCCAAGCTTGGTGGTGGATCCTGGACTACAGGGACTTG  
GCAGCCCTTCTAAAAGTAAGGCCATCTATGACATCGACCGCCCGACATGATCTCCTACTCACCCCTACA  
TCAGCCACTCTGCAGGGGACAGGCAGAGCTACGGCGAGTCCCCTCAGTTGCTCTCGCCAACGCCGACCGA  
GGGGGATCAGGATGACCGGTCTACAAGCAGTGTCCGACCTCCAGCCCAAGCTCCACTGGGTTCGGTTAGC  
CTCGGGCGCTACACTCCGACCTCACGGTACCACAGCACTACAGCCGTCCAGACTGGCGTAAAAGATA  
ACATCTATAGGAAACCCCTATCTACAGACAGCATGCTGCCAGGCGATCGGATGGGGAGGATGGAAGCTT  
GGACCAGGATAACAGGAAGCAGAAGAGCAGCTGGCTGATGCTCAAGGGGGATGCAGACACAAGGACCAAT  
TCTCCAGACCTGGACACCCAGTCTTGTCCACAGCAGCGGGACCGACAGAGACCCTCTCCAAAGGATGG  
CAGGGGACAGCTTCACTCACGATTCCTTATTCAAATCTGACCCTCTCCAGGACATGGAAGAATGG  
CTTGACCAGCGAATGCCAATCTGGCCCCCTGTGGAGCAGACCCGGATGCCAGCTGGGGCATGCGAGAA  
TACAAGATCTATCCGTATGACTCCCTCATCGTCAAAACCGAATTCGCGTGAAACTGCCAAAGACGTGG  
ACCGGACGAGACTGGAGAGACACTTGTCCGCCGAGGAGTCCAGGAAGTGTGGGATGAGCATCGAGGA  
GTTTGACCGCCTGGCCCTCTGGAAGAGGAATGACCTTAAGAAGAAAGCCCTTTTGTTC

**ACGCGT**ACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC237618 representing NM\_001286688  
 Red=Cloning site Green=Tags(s)

MFAEGEEMYLQGSSIWHPACRQAARTEDRNKETRTSSESIISVPASSTSGSPSRVIYAKLGGEILDYRDL  
 AALPKSKAIYDIDRPDMISYSPYISHSAGDRQSYGESPLLSPPTTEGDQDRSYKQCRTSSPSSTGSVS  
 LGRYTPTSRSPOHYSRPDVGKDNIRKPPPIYRQHAARRSDGEDGSLDQDNRKQKSSWMLKGDADTRTN  
 SPDLDTQSLSHSSGTDRLPLQRMAGDSFHSRFPYSKSDPLPGHKGKGLDQRNANLAPCGADPDASWGMRE  
 YKIYPYDSLIVTNRIRVKLPKDVDRTRLERHLSPEEFQEVFGMSIEEFDRLALWKRNDLKKKALLF

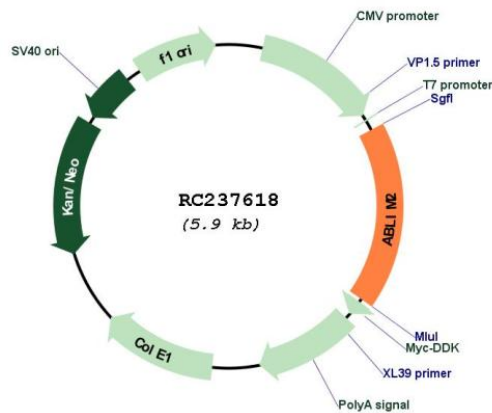
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001286688

<b>ORF Size:</b>	1038 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001286688.2</a>
<b>RefSeq Size:</b>	3036 bp
<b>RefSeq ORF:</b>	1041 bp
<b>Locus ID:</b>	84448
<b>UniProt ID:</b>	<a href="#">Q6H8Q1</a>
<b>Cytogenetics:</b>	4p16.1
<b>Protein Pathways:</b>	Axon guidance
<b>MW:</b>	39.4 kDa
<b>Gene Summary:</b>	May act as scaffold protein. May stimulate ABRA activity and ABRA-dependent SRF transcriptional activity.[UniProtKB/Swiss-Prot Function]