

Product datasheet for **SC326036**

ABLIM2 (NM_001130087) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ABLIM2 (NM_001130087) Human Untagged Clone
Tag: Tag Free
Symbol: ABLIM2
Vector: pCMV6 series
Fully Sequenced ORF: >NCBI ORF sequence for NM_001130087, the custom clone sequence may differ by one or more nucleotides

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ATGAGTGCAGTGTGCGAGCCCCAGGCTGCTCCCAGCCCGCTGGAGAAGTCGCCAGCAGCAG  
GCGATCCTGTGCAACACGTGTGGGAATGTGTGCAAGGGCGAGGTGCTGCGGGTGCAGGAC  
AAGTACTTCCACATCAAGTGTTCGTCTGTAAAGCATGTGGTGCACCTGGCCGAGGGC  
GGCTTCTCGTGCAGGCGAGGGCAGTACATCTGCACGCTGGACTACCAGAGGCTCTACGGC  
ACCCGCTGCTTACAGTGCACAGTTCATTGAGGGTGAGGTGGTGTGCGGCGTGGGCAAG  
ACCTACCACCCCGACTGCTTCGTGTGTGCCGTCTGCCGGCTGCCCTTCCCCCGGGGAC  
CGAGTGACCTTCAACGGGAAGGAATGCATGTGCCAGAAGTGTTCCTGCCGTATCGGTG  
GGCAGCAGCGCGACCTGTCCCAGGGCCTCCGAAGTTGTGGGGGCTGCGGCACAGAAATC  
AAGAATGGCCAGGCCCTGGTAGCCTTGGACAAGCACTGGCACTTGGGCTGTTTTAAGTGC  
AAGAGCTGTGGGAAGCTCCTGAATGCCGAGTACATCAGCAAGGATGGGCTGCCCTACTGC  
GAAGCTGACTATCAGCCAAGTTCGGCATCCGCTGTGACAGCTGTGAGAAATACATCAGG  
GGGCGCGTGTGGAGGCCGGAGAGAAGCACTACCACCCTTCTGCGCGCTATGTGTCAGG  
TGCGGCCAGATGTTTGCAGAAGGCGAAGAGATGTATCTTCAAGGTTCTCCATCTGGCAT  
CCGGCGTGTGCACAAGCAGCCAGAAGTGAAGACAGAAACAAGGAAACCAGAACTTCTCA  
GAGAGCATCATTCTGTCCCTGCTTCCAGCACCTCAGGGTCTCCGAGCCGTGTGATTTAT  
GCCAAGCTTGGTGTGAGATCCTGGACTACAGGGACTTGGCAGCCCTTCTAAAAGTAAG  
GCCATCTATGACATCGACCGCCCCGACATGATCTCCTACTCACCTACATCAGCCACTCT  
GCAGGGGACAGGCAGAGCTACGGCGAGTCCCCTCAGTTGCTCTCGCCAACGCCGACCGAG  
GGGGATCAGGATGACCGGTCTACAAGCAGTGTGCGACCTCCAGCCCAAGCTCCACTGGG  
TCGGTTAGCCTCGGGCGCTACACTCCGACCTCACGGTCAACACAGCACTACAGCCGTCCA  
GCTGCCAGGCGATCGGATGGGGAGGATGGAAGCTTGGACCAGGATAACAGGAAGAAGAGC  
AGCTGGCTGATGCTCAAGGGGGATGCAGACACAAGGACCAATTCTCCAGACCTGGACACC  
CAGTCCCTTGTCCCACAGCAGCGGGACCGACAGAGACCCTCTCCAAGGATGGCAGGGGAC  
AGCTTTCACTCACAATACAAGATCTATCCGTATGACTCCCTCATCGTCAAAACCGAATT  
CGCGTGAAACTGCCAAAAGACGTGGACCGGACGAGACTGGAGAGACACTTGTGCGCCGAG  
GAGTTCCAGGAAGTGTGGGATGAGCATCGAGGAGTTTGACCGCCTGGCCCTCTGGAAG  
AGGAATGACCTTAAGAAGAAAGCCCTTTTGTTC
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Restriction Sites: Please inquire
ACCN: NM_001130087



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none">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:	<u>NM_001130087.1</u> , <u>NP_001123559.1</u>
RefSeq Size:	3432 bp
RefSeq ORF:	1596 bp
Locus ID:	84448
UniProt ID:	<u>Q6H8Q1</u>
Cytogenetics:	4p16.1
Protein Pathways:	Axon guidance
Gene Summary:	<p>May act as scaffold protein. May stimulate ABRA activity and ABRA-dependent SRF transcriptional activity.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (5) includes an alternate in-frame exon and uses an alternate in-frame splice site in the mid-coding region, and lacks alternate in-frame segments in both the mid- and 3' coding regions, compared to variant 1. The resulting isoform (5) is shorter than isoform 1.</p>