

Product datasheet for **SC300500**

ABLIM1 (NM_001003408) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ABLIM1 (NM_001003408) Human Untagged Clone
Tag:	Tag Free
Symbol:	ABLIM1
Synonyms:	ABLIM; abLIM-1; LIMAB1; LIMATIN
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001003408, the custom clone sequence may differ by one or more nucleotides

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ATGTTAATGACCTTGAAATGACTGAGCTCACGGACCCTCATCACACCATGGGAGACTAC
AAAGTGGCCACCCCTCAGGACCCCTACCACCCATCAGAGAAGCCTGTCATTCACTGCCAT
AAATGTGGGGAGCCTTGAAGGGTGAAGTGCTTCGGGTCCAGACCAAACATTTCCACATC
AAGTGTTCACCTGCAAAGTGTGTGGCTGTGACCTGGCACAAGGGGGCTTCTTCATAAAG
AACGGAGAGTATCTCTGCACCCTGGACTACCAGCGGATGTACGGGACACGCTGCCATGGC
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TGCTTTGCTTGTACTATCTGCAAGCGCCCGTTTCCACCCGGAGACCGAGTCACATTCAAT
GGGAGAGACTGCCTTTGTCAACTCTGTGCACAGCCGATGTCGTCCAGTCCGAAAGAAACC
ACCTTCTCCAGCAATTGTGCCGGCTGCGGAAGAGATATCAAGAATGGGCAGGCGCTGCTG
GCGCTGGATAAGCAGTGGCACTTGGGGTGTCTTAAATGCAAGTCTGCGGGAAGGTCCTC
ACCGGGGAGTACATCAGCAAGGATGGTGTCCGTAAGTGTGAAAAGGACTACCAGGGACTC
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GACAAACATTACCACCCAGCTGTGCACGATGCAGCAGATGCAACCAGATGTTACAGAA
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AAGACCGAGGAAAAGCTGCGGCTGCCAAACATTCGGCGTCTTTCATCCGATTTCTTTTAT
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TCGGAAAGTATTTATTCTAGGCCAGGCTCCAGTATTCCTGGCTCACCAGGTCATACTATC
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ACGGGCTCCATCAACTCCCTGTGTACAGCCGCCACAGTACACTCCAACCACGTCCCGC
TCTCCCCAGCATTTCACAGACCTGGCAATGAGCCGTCCAGCGGCCGAACTCCCCTCTC
CCTTACCGGCCAGACAGCCGCCCTCAACTCCAACCTACGCTCAGGCCCTAAACATTTTC
CATGTTCCAGATCAAGGAATCAACATTTACCGAAAGCCACCCATCTACAAACAGCATGCT
GCCTTGGCAGCCAGAGCAAGTCTCAGAAGATATCATCAAGTTTTCCAAGTTCAGCA
GCCAGGACACAGACCCAGCGAGACACCAAAGATTGAGACGGACCACTGGCCTGGTCCC
CCCTCATTGCTGTCGTAGGACCTGACATGAAACGCAGATCTAGTGGCAGAGAGGAAGAT
GATGAGGAACTTCTGAGACGTGCGCAGCTTCAAGAAGAGCAATTAATGAAGCTTAACTCA
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CTGTTAGCCAGTCGCTACGATTCTCCATCAACTCAGCTTACATATTCCATCATCTAAA
ACTGCATCTCTCCCTGGCTATGGAAGAAATGGGCTTACCAGCCCTGTTTCTACCGACTTC
GCTCAGTATAACAGCTATGGGGATGTCAGCGGGGAGTGCAGATACCAGACACTCCCA
GATGGCCACATGCCTGCAATGAGAATGGACCGAGGAGTGTCTATGCCAACATGTTGGAA
CCAAAGATATTTCCATATGAAATGCTCATGGTGACCAACAGAGGGCGAAACAAAATCCTC
AGAGAGGTGGACAGAACCAGGCTGGAGCGCCACTTAGCCCCTGAAGTGTTCGGGAAATC
TTTGAAATGTCCATACAGGAGTTTGACAGGTTACCTCTTTGGAGACGCAACGACATGAAG
AAAAAAGCAAAACTCTTCTAA

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Restriction Sites: Please inquire

ACCN: NM_001003408

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_001003408.1</u> , <u>NP_001003408.1</u>
RefSeq Size:	7704 bp
RefSeq ORF:	2241 bp
Locus ID:	3983
Cytogenetics:	10q25.3
Protein Pathways:	Axon guidance
Gene Summary:	<p>This gene encodes a LIM zinc-binding domain-containing protein that binds to actin filaments and mediates interactions between actin and cytoplasmic targets. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jun 2017]</p> <p>Transcript Variant: This variant (3) contains a distinct 5' UTR and has multiple differences in the coding region, compared to variant 1. The resulting isoform (c) contains a distinct N-terminus and is shorter, compared to isoform a.</p>