

Product datasheet for **SC300499**

ABLIM1 (NM_001003407) Human Untagged Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | ABLIM1 (NM_001003407) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | ABLIM1 |
| Synonyms: | ABLIM; abLIM-1; LIMAB1; LIMATIN |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL6</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001003407, the custom clone sequence may differ by one or more nucleotides

```

ATGTTAATGACCTTGAAATGACTGAGCTCACGGACCCTCATCACACCATGGGAGACTACAAAGTGGCCC
ACCCTCAGGACCCTCACACCCATCAGAGAAGCCTGTCTTCACTGCCATAAATGTGGGAGCCTTGCAA
GGGTGAAGTGCTTCGGGTCCAGACCAAACATTTCCACATCAAGTGTTCACCTGCAAAGTGTGTGGCTGT
GACCTGGCACAAGGGGGCTTCTTCATAAAGAACGGAGAGTATCTCTGCACCCTGGACTACCAGCGGATGT
ACGGGACACGCTGCCATGGCTGTGGGGAGTTCGTGGAGGGCGAAGTGGTGACTGCTCTGGCAAGACCTA
CCATCCCAATTGCTTTGCTTGTACTATCTGCAAGCGCCCGTTTCCACCCGGAGACCGAGTCACATTCAT
GGGAGAGACTGCCTTTGTCAACTCTGTGCACAGCCGATGTCGTCCAGTCCGAAAGAAACCACCTTCTCCA
GCAATTGTGCCGGCTGCCGAAGAGATATCAAGAATGGGCAGGCGCTGTGGCGCTGGATAAGCAGTGGCA
CTTGGGGTGCTTTAAATGCAAGTCTGCGGAAGGTCTCACCGGGAGTACATCAGCAAGGATGGTGCT
CCGTACTGTGAAAAGGACTACCAGGACTCTTTGGGGTAAATGTGAGGGGTGTCACCAGTTTATCACAG
GGAAAGTCTGGAGGCAGGTGACAAACATTACCACCCAGCTGTGCACGATGCAGCAGATGCAACCAGAT
GTTACAGAAAGGAGAGAAATGTATCTTCAAGGCTCCACCGTTTGGCATCCCGACTGTAAGCAATCTACG
AAGACCGAGGAAAAGCTGCGGCCTACCAGGACATCCTCGAAAAGTATTTATTCTAGGCCAGGCTCCAGTA
TTCTGGCTCACCAGTCACTATCTATGCAAAAAGTAGACAATGAGATCCTGGATTACAAGGATTTAGC
AGCCATTCGAAGGTCAAGGCAATTTATGACATTGAACGTCCAGATCTTATTACCTATGAGCCTTTCTAC
ACTTCGGGCTATGATGACAAACAGGAGAGACAGAGCCTTGGAGAGTCTCCGAGGACTTTGTCTCCTACTC
CATCAGCAGAAGGGTACCAGGATGTTTCGGGATCGGATGATCCATCGGTCCACGAGCCAGGGCTCCATCAA
CTCCCCGTGTACAGCCGCCACAGCTACACTCCAACCAGTCCCGCTCTCCCCAGCATTTCCACAGACCT
GGCAATGAGCCGTCCAGCGGCCGAATCCCCTCTCCCTTACCAGCCAGACAGCCGCCCTAACTCCAA
CTTACGCTCAGGCCCCTAAACATTTCCATGTTCCAGATCAAGGAATCAACATTTACCGAAAAGCCACCCAT
CTACAAACAGCATGCTGCCTTGGCAGCCAGAGCAAGTCTCAGAAGATATCATCAAGTTTTCCAAGTTC
CCAGCAGCCAGGCACCAGACCCAGCGAGACACCAAAGATTGAGACGGACCACTGGCCTGGTCCCCCT
CATTTGCTGTCTGAGGACCTGACATGAAACGCAGATCTAGTGGCAGAGAGGAAGATGATGAGGAATCTT
GAGACGTGCGCAGCTTCAAGAAGAGCAATTAATGAAGCTTAAGTCAAGGCTGGGACAGTTGATCTTGAAA
GAAGAGATGGAGAAAGAGAGCCGGGAAAGGTATCTCTGTAGCCAGTGCCTACGATTCTCCATCAACT
CAGCTTACATATTCATCATCTAAAATGCATCTCTCCCTGGCTATGGAAGAAATGGGCTTACCAGGCC
TGTTTCTACCGACTTCGCTCAGTATAACAGCTATGGGGATGTGAGCGGGGAGTGGGAGATTACCAGACA
CTCCAGATGGCCACATGCCTGCAATGAGAATGGACCGAGGAGTGTCTATGCCCAACATGTTGGAACCAA
AGATATTTCCATATGAAATGCTCATGGTGACCAACAGAGGGCGAAACAAAATCCTCAGAGAGGTGGACAG
AACCAGGCTGGAGCGCCACTTAGCCCTGAAGTGTTCGGGAAATCTTTGGAATGTCATACAGGAGTTT
GACAGGTTACCTCTTTGGAGACGCAACGACATGAAGAAAAAGCAAAACTCTTCTAA
    
```

- Restriction Sites:** Please inquire
- ACCN:** NM_001003407
- Insert Size:** 3100 bp
- 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:** The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001003407.1.
- 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_001003407.1](#), [NP_001003407.1](#)

RefSeq Size: 7620 bp

RefSeq ORF: 2157 bp

Locus ID: 3983

UniProt ID: [O14639](#)

Cytogenetics: 10q25.3

Protein Pathways: Axon guidance

Gene Summary: 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]

Transcript Variant: This variant (2) differs in the 5' UTR and the 5' coding region, compared to variant 1. The resulting isoform (b) contains a distinct N-terminus, compared to isoform a.

Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.