

Product datasheet for **SC337193**

ABLIM3 (NM_001301015) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ABLIM3 (NM_001301015) Human Untagged Clone
Tag:	Tag Free
Symbol:	ABLIM3
Synonyms:	HMFN1661
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001301015, the custom clone sequence may differ by one or more nucleotides

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ATGAACACTAGCATTCTTATCAGCAGAATCCTTACAATCCACGGGGCAGCTCCAATGTCATCCAGTGCT
ACCGCTGTGGAGACACCTGCAAAGGGGAAGTGGTCCGCGTGCACAACAACCACTCCACATCAGATGCTT
CACCTGTCAAGTATGTGGCTGTGGCCTGGCCAGTCAGGCTTCTTCTCAAGAACCAGGAGTACATCTGC
ACCCAGGACTACCAGCAACTCTATGGCACCCGCTGTGACAGCTGCCGGGACTTCATCACAGGCGAAGTCA
TCTCGGCCCTGGGCCGCACTTACCACCCCAAGTCTTCTGTGTCAGCTTGTGAGGAAGCCTTTCCCAT
TGGAGACAAGGTGACCTTCAAGCGTAAAGAATGTGTGTCGCAACGTCCTCCAGTCCATGGCCAGCAGT
AAGCCCATCAAGATTCGTGGACCAAGCCACTGTGCCGGGTGCAAGGAGGAGATCAAGCACGGCCAGTCA
TCTCGGCTCTGGACAAGCAGTGGCACGTCAGCTGCTTCAAGTGCCAGACCTGCAGCGTCATCCTCACCGG
GGAGTATATCAGCAAGGATGGTGTCCATACTGTGAGTCCGACTACCATGCCAGTTTGGCATTAAATGT
GAGACTTGTGACCGATACATCAGTGGCAGAGTCTTGGAGGCAGGAGGGAAGCACTACCACCAACCTGTG
CCAGGTGTGACGCTGCCACCAGATGTTACCGAAGGAGAGGAAATGTACCTCACAGTTCCGAGGTTTG
GCACCCCATCTGCAAACAGGCAGCCCGGCAGAGAAGAAGTTAAAGCATAGACGGACATCTGAAACCTCC
ATCTCACCCCTGGATCCAGCATTGGGTACCCAACCGAGTCATCTGCGCTAAAGTGGATAATGAGATCC
TTAATTACAAAGACCTGGCGGCTCTCCCAAGGTTAAGTCTATCTACGAGGTACAACGCCCGACCTCAT
TTCTATGAGCCTCATTCCAGATACATGTCCGACGAGATGCTGGAGAGATGTGGCTATGGAGAGTCGCTG
GGAACATTATCTCCCTACTCCCAGGACATCTACGAGAACCTGGACCTCCGGCAGAGACGGGCCTCCAGCC
CGGGGTACATAGACTCCCCACCTACAGCCGGCAGGGCATGTCCCCACCTTCTCCCGCTCACCTACCA
CTACTACCGCTCTGGGCCGAGAGTGGCCGGAGCTCTCCATACCATAGCCAGTTAGATGTGAGGTCTCC
ACTCCAACCTCTTACCAGGCTCCAAGCACTTTCACATCCAGCTGGAGACAGTAACATCTACCGGAAAC
CCCCGATCTACAAACGGCATGGTGATTTGTCTACAGCAACCAAGAGCAAAACAAGTGAAGACATCAGCCA
GACCTCCAAGTACAGTCCCATCTACTCGCCAGACCCCTACTATGCTTCGGAGTCTGAGTACTGGACCTAC
CATGGGTCCCCAAAGTGCCCGGAGCCAGAAGGTTCTCGTCTGGAGGAGAGGAGGATGATTTTGACCGCA
GCATGCACAAGCTCCAAAGTGAATTGGCCGGCTGATTCTGAAGGAAGAAATGAAGGCCCGGTGAGCTC
CTATGCAGATCCCTGGACCCCTCCCGGAGCTCCACCAGCAGCCGGAAGCCCTGCACACAGCTGGCTAT
GAGATGTCCTCAATGGTCCCTCGGTGCACTACCTGGCTGACAGTATCCTCTCATCTCCAAATCTG
CCTCCCTGCCTGCCTACCGAAGAAATGGGCTGCACAGGACACCCAGCGCAGACCTTCCACTACGACAG
CATGAACGCAGTCAACTGGGCATGCGAGAGTACAAGATCTACCCTTATGAACTGCTGCTGGTGACTACA
AGAGGAAGAAACCGACTGCCAAGGATGTAGACAGGACCCGTTTAGAGCGCCACCTGTCCAGGAAGAGT
TCTACCAAGTCTTTGGCATGACCATCTCTGAGTTTGACCGGCTGGCCCTCTGGAAGAGGAATGAACTGAA
GAAGCAAGCCCGGCTGTTCTAG
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Restriction Sites: Sgfl-MluI

ACCN: NM_001301015

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).

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_001301015.1](#), [NP_001287944.1](#)

RefSeq Size: 4713 bp

RefSeq ORF: 2052 bp

Locus ID: 22885

UniProt ID: [O94929](#)

Cytogenetics: 5q32

Protein Pathways: Axon guidance

Gene Summary: This gene encodes a member of the actin-binding LIM (abLIM) family of proteins. These proteins are characterized by an N-terminal LIM domain and a C-terminal dematin-like domain. The encoded protein interacts with actin filaments and may be a component of adherens junctions in several cell types. A variant of this gene may be associated with pain sensitivity in male human patients. [provided by RefSeq, Sep 2016]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Both variants 1 and 2 encode the same isoform (1).