

Product datasheet for **RC239299**

ABLIM3 (NM_001301015) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ABLIM3 (NM_001301015) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ABLIM3
Synonyms:	HMFN1661
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>RC239299 representing NM_001301015
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAACACTAGCATTCTTATCAGCAGAATCCTTACAATCCACGGGGCAGCTCCAATGTCATCCAGTGCT
ACCGCTGTGGAGACACCTGCAAAGGGGAAGTGGTCCGCGTGCACAACAACCACTTCCACATCAGATGCTT
CACCTGTCAAGTATGTGGCTGTGGCCTGGCCAGTCAGGCTTCTTCTCAAGAACCAGGAGTACATCTGC
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TCTCGGCCCTGGGCCCACTTACCACCCCAAGTCTTCTGTGACAGCTTGTGCAGGAAGCCTTCCCCAT
TGGAGACAAGGTGACCTCAGCGGTAAGAATGTGTGTGCCAACGTGCTCCCAGTCCATGGCCAGCAGT
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CGGGGTACATAGACTCCCCACCTACAGCCGGCAGGGCATGTCCCCACCTTCTCCGCTCACCTCACCA
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CATGGGTCCCCAAAGTGCCCGAGCCAGAAGTTCTCGTCTGGAGGAGAGGAGGATGATTTTGACCGCA
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AGAGGAAGAAACCGACTGCCAAGGATGTAGACAGGACCCGTTTAGAGCGCCACCTGTCCCAGGAAGAGT
TCTACCAAGTCTTTGGCATGACCATCTCTGAGTTTGACCGGCTGGCCCTCTGGAAGAGGAATGAACTGAA
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ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence: >RC239299 representing NM_001301015
Red=Cloning site Green=Tags(s)

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MNTSIPYQQNPYNPRGSSNVIQCYRCGDTCKGEVVRVHNNHFHRCFTCQVCGCLAQSGFFFKNQEYIC
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KPIKIRGPHCAGCKEEIKHGQSLALDKQWHVSCFKCQTCVILTGEYISKDGVPCESDYHAQFGIKC
ETCDRYISGRVLEAGGKHYHPTCARCVRCHQMFTEGEEMYL TGSEVWHPICKQAARAEEKLKHRTSETS
ISPPGSSIGSPNRVICAKVDNEILNYKDLAALPKVKSIYEVQRPDLISYEPHSRYMSDEMLERCYGESL
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TPTSYQAPKHFHIPAGDSNIYRKPPYIKRHGDLSTATKSKTSEDISQTSKYSPYSPDPYYASESEYWTY
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EMLNNGSPRSHYLADSDPLISKSASLPAYRRNGLHRTPSADLFHYDSMNAVNWGMREYKIYPYELLLVTT
RGRNRLPKDVRTRLERHLSQEEFYQVFGMTISEFDRLALWKRNELKKQARLF
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8120_c03.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001301015

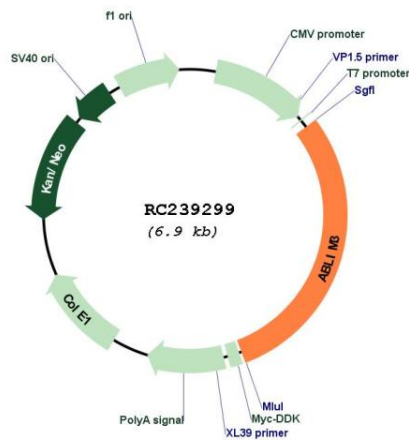
ORF Size: 2049 bp

OTI Disclaimer: 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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001301015.3</u>
RefSeq Size:	4713 bp
RefSeq ORF:	2052 bp
Locus ID:	22885
UniProt ID:	<u>O94929</u>
Cytogenetics:	5q32
Protein Pathways:	Axon guidance
MW:	77.8 kDa
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]

Product images:



Circular map for RC239299