

Product datasheet for **RR203206**

Ablim2 (NM_001001514) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ablim2 (NM_001001514) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ablim2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR203206 representing NM_001001514
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTGCAGTGTGCGAGCCCCAGGCTGCTCATGCCCCACTGGAGAAGCCGGCCAGCACTGCGATCCTGT
 GTAATACCTGTGGGAATGTGTGCAAGGGAGAGGTGCTGCGGGTGCAGAACAAGCACTTCCACATTAGGTG
 CTTTGTGTGCAAAGCATGCGGCTGTGACCTGGCTGAGGGTGGCTTCTTCGTGAGGCAGGGTGAGCACATT
 TGCACACGTGACTACCAGCGGCTCTATGGGACTCGCTGCTTCAGCTGTGACTGCTTCATTGAAGGGGAAG
 TGGTGTGACGCGTTGGGAAGACCTACCACCCTGACTGCTTCGTATGCGCTGTCTGCAAGGCTGCCTTTTCC
 TCCTGGGACCGTGTGACCTTCAATGGGAAGGATTGTATGTGCCAGAAGTGTCTCCACCCACATTGGTG
 GGCAACAGTGGCCATGTGGCCAGGGCCTCCGGAGTTGTGGGGCTGTGGCTTAGAAATCAAGAATGGCC
 AGGCACTGGTGGCTTTGGACAAGCACTGGCACCTGGGATGCTTCAAGTGAAGACTTGTGGGAACTCCT
 CAATGCAGAGTACATCAGCAAGGATGGGCTGCCCTACTGTGAGGCTGATTATCACACCAAGTTTGGCATC
 CGCTGCGATGGCTGTGAGAAGTACATCACTGGTGGGTGCTGGAGGCTGGAGAGAAGCACTACCACCCTT
 CATGTGGCTATGCGTCAGGTGCGGCCAGATGTTCTCAGAGGGCGAGGAGATGTACCTGCAAGGTTCCCTC
 CATCTGGCATCCGGCATGTGCGCAAGCAGCCAGGACTGAAGACAAGCAAGGAAACCAGGACTTCCCTCA
 GAGAGCATTGTCTCTGTGCTGCCTCCAGCACATCGGGTCCCCAAGCCGTGTGATCTATGCAAAGCTTG
 GTGATGAGATCCTGGACTACAGGGATTTGGCTGCTTCCCAAAAACAAGCGATCTACAACATCGACCC
 CCCCAGATGATCCTATTGCGCCTACATTAGCCACTCGGCTGTGGGGACAGGCAGAGCTATGGTGAG
 GGGGACAGGATGATCGGTCTACAAGCAGTGCAGGACCTCCAGCCCCAGCTCTGCTGCAGTCAGCCAGCC
 TTGGGCACACTCAACGTCACGATCACCCAGCACTACAGTGTCCAGGCAGCGAAAGTGGCCGTAG
 CACTCCAAGTCTCTCAGTGCCTCCGACAGCAGGCTCCTTCTCTACCTATCAGCAGGCTCCGAGACAC
 TTCCACGTCCCAGACACTGGCGTAAAAGATAACATCTATAGGAAACCCCTATCTACAAACAGCAGCGCC
 CCAGGCGACTGGACGTGGAGGACAGCAGTTTCGACCAGGATAGCAGGAAGAAGACAACGTGGCTGCTCCT
 CAAGGGAGATGCAGACACCAGAATAACTCTCCGGACTTGGACAGTCAGTCTCTGTCCCTCAGCAGTGGG
 GCTGATCAAGAACCTCTCAAAGGATGCCAGGGGACAGCCTCTACTCACAGTATAAGATTATCCCTATG
 ATCCCTCATCGTAACAAACCGAATTCGTGTGAAACTGCCCAAAGATGTAGACGGACACGGCTGGAGAG
 ACACCTATCACCTGAAGAGTTCCAAGAAGTGTGGGATGAGCATCGAGGAGTTTGACCGCTGGCCCTG
 TGAAGAGGAATGACCTCAAGAAGAAAGCCTTGCTGTTT

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR203206 representing NM_001001514
 Red=Cloning site Green=Tags(s)

MSAVSQPQAHAHAPLEKPASTAILCNTCGNVCKGEVLRVQNKHFHIRCFVCKACGCDLAEGGFFVVRQGEHI
 CTRDYQRLYGTRCFSCDCFIEGEVVSALGKTYHPDCFVCAVCRLPFPPGDRVTFNGKDCMCQKCSPTLV
 GNSAHVAQGLRSCGGGLEIKNGQALVALDKHWHLGCFKCKTCGKLLNAEYISKDGLPYCEADYHTKFGI
 RCDGCEKYITGRVLEAGEKHYHPSALCVRCGQMFSEGEEMYLQSSIIWHPACRQAARTEDKSKE TRTSS
 ESIVSVPASSTSGSPSRVIYAKLGDEILDYRDLAALPKNKAIYINIDRPDMISYSPYISHSAVGDQRSYGE
 GDQDDRSYKQCRTSSPSSAGSVSLGHYTPTSRSPQHYSRPGSEGRSTPSLSVHSDSRPPSSTYQQAPRH
 FHVPDTGVKDNIYRKPPIYKQHAARRLDVEDSSFDQDSRKTWLLKGDADTRTNSPDLDSQSLSSG
 ADQEPLQRMPGDSLVSQYKIYPYDSLIVTNRIRVCLKPKDVDRTRLERHLSPEEFQEVFGMSIEEFDRLLAL
 WKRNDLKKKALLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

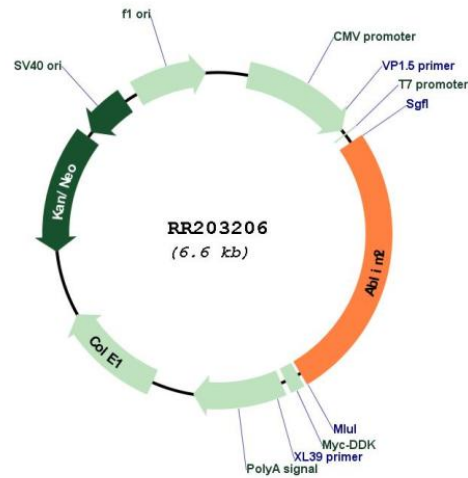
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001001514

ORF Size:	1719 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:	NM_001001514.2 , NP_001001514.1
RefSeq Size:	2568 bp
RefSeq ORF:	1722 bp
Locus ID:	360958
UniProt ID:	Q6KC51
Cytogenetics:	14q21
MW:	63.8 kDa
Gene Summary:	contains a zinc binding domain [RGD, Feb 2006]