

Product datasheet for **RR216998**

Ablim2 (NM_001177695) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ablim2 (NM_001177695) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ablim2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR216998 representing NM_001177695
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGTGCAGTGTGCGAGCCCCAGGCTGCTCATGCCCACTGGAGAAGCCGGCCAGCACTGCGATCCTGT
 GTAATACCTGTGGGAATGTGTGCAAGGGAGAGGTGCTGCGGGTGCAGAACAAGCACTTCCACATTAGGTG
 CTTTGTGTGCAAAGCATGCGGCTGTGACCTGGCTGAGGGTGGCTTCTTCGTGAGGCAAGGTGAGCACATT
 TGCACACGTGACTACCAGCGGCTCTATGGGACTCGCTGCTTCAGCTGTGACTGCTTCATTGAAGGGGAAG
 TGGTGTGACGCGTTGGGAAGACCTACCACCCTGACTGCTTCGTATGCGCTGTCTGCAAGGCTGCCTTTTCC
 TCCTGGGACCGTGTGACCTTCAATGGGAAGGATTGTATGTGCCAGAAGTGTCTCCACCCACATTGGTG
 GGCAACAGTGGCCATGTGGCCAGGGCCTCCGGAGTTGTGGGGCTGTGGCTTAGAAATCAAGAATGGCC
 AGGCACTGGTGGCTTTGGACAAGCACTGGCACCTGGGATGCTTCAAGTGAAGACTTGTGGGAACTCCT
 CAATGCAGAGTACATCAGCAAGGATGGGCTGCCCTACTGTGAGGCTGATTATCACACCAAGTTTGGCATC
 CGCTGCGATGGCTGTGAGAAGTACATCACTGGTGGGTGCTGGAGGCTGGAGAGAAGCACTACCACCTT
 CATGTGGCTATGCGTCAGGTGCGGCCAGATGTTCTCAGAGGGCGAGGAGATGTACCTGCAAGGTTCCCTC
 CATCTGGCATCCGGCATGTGCGCAAGCAGCCAGGACTGAAGACAAGCAAGGAAACCAGGACTTCCCTCA
 GAGAGCATTGTCTCTGTGCTGCCTCCAGCACATCGGGTCCCCAAGCCGTGTGATCTATGCAAAGCTTG
 GTGATGAGATCCTGGACTACAGGGATTTGGCTGCTTCCCAAAAACAAGCGATCTACAACATCGACCCG
 CCCCAGATGATCTCTATTGCCCCTACATTAGCCACTCGGCTGTGGGGACAGGCAGAGCTATGGTGAG
 GGGGATCAGGATGATCGGTCTACAAGCAGTGCAGGACCTCCAGCCCCAGCTCTGCTGGCTCAGTCAGCC
 TTGGGCACTACACTCAAACGTACGATCACCCAGCACTACAGTGTCCAGGCAGCGAAAGTGGCCGTAG
 CACTCCAAGTCTCTCAGTGCACCTCCGACAGCAGGCTCCTTCTCTACCTATCAGCAGGCTCCGAGACAC
 TTCCACGTCCCAGACACTGGCGTAAAAGATAACATCTATAGGAAACCCCTATCTACAAACAGCAGGCCG
 CCAGGCGACTGGACGTGGAGGACAGCAGTTTCGACCAGGATAGCAGGAAGAAGACAACGTGGCTGCTCCT
 CAAGGGAGATGCAGACACCAGAATAACTCTCCGGACTTGGACAGTCAGTCTCTGTCCCTCAGCAGTGGG
 GCTGATCAAGAACCTCTCAAAGGATGCCAGGGGACAGCCTCTACTCACGCTTCCCTTATCCAAACCCG
 AACTCTCCAGGACCCAGGAAGGATGGCTGGACCTCCGGAATGCCAACCTGGCCCTTGTGGAGCAGA
 CCCGGATGCCAGTGGGACCGGAGAGTATAAGATTTATCCCTATGATTCCTCATCGTAACAAACCGA
 ATTCGTGTGAAACTGCCAAAGATGTAGACCGGACACGGCTGGAGAGACCTATCACCTGAAGAGTTCC
 AAGAAAGTGTGGGATGAGCATCGAGGAGTTTGACCGCCTGGCCCTGTGGAAGAGGAATGACCTCAAGAA
 GAAAGCCTTGCTGTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR216998 representing NM_001177695
 Red=Cloning site Green=Tags(s)

MSAVSQPQAAHAPLEKPASTAILCNTCGNVCKGEVLRVQNKHFHIRCFVCKACGCDLAEGGFFVRQGEHI
 CTRDYQRLYGTRCFSCDCFIEGEVVSALGKTYHPDCFVCAVCRLPFPFGDRVTFNGKDCMCQKCSPTLV
 GNSAHVAQGLRSCGGCGLEIKNGQALVALDKHWHLGCFKCKTCGKLLNAEYISKDGLPYCEADYHTKFGI
 RCDGCEKYITGRVLEAGEKHYHPSCALCVRGQMFSEGEEMYLQSSIIWHPACRQAARTEDKSKETRTSS
 ESIVSVPASSTSGSPSRVIYAKLGDEILDYRDLAALPKNKAIYINIDRPDMIYSYPIYSHSAVGDRQSYGE
 GDQDDRSYKQCRITSSPSSAGSVSLGHYPTSRSPQHYSRPGSESGRSTPSLSVHSDSRPPSSTYQQAPRH
 FHVPDTGVKDNIYRKPIYKQHAARRLDVEDSSFDQDSRKKTTWLLLKGDADTRTNSPDLDSQSLSLSSG
 ADQEPLQRMPGDSLYSRFPYKPDTPGPRKDGDLRLNANLAPCGADPDASWGTREYKIYPYDSLIVTNR
 IRVKLPKDVDRTRLERHLSPEEFQEVFGMSIEEFDRLALWKRNDLKKKALLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001177695

ORF Size: 1836 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:**
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_001177695.1](#), [NP_001171166.1](#)

RefSeq Size: 2685 bp

RefSeq ORF: 1839 bp

Locus ID: 360958

UniProt ID: [Q6KC51](#)

Cytogenetics: 14q21

