

Product datasheet for **RR205118**

Abcf3 (NM_001011896) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abcf3 (NM_001011896) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Abcf3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR205118 representing NM_001011896
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACTTGCGCCGATATCCTGCGGAGCGAGTCCAGAAATTGACGGGCAGGTCTTCGACTACGTGA
 CTGGTGTTCACAGTGGCAGCGCGGATTCGAGTCTGTGGATGACCTGGTGGAAAGCTGTCGGAGA
 ACTCTACGCTGGCTGAACCGCAGAACCAGGAAACAACCAGGTGCTACTGGACGCCCCATCCAGTTGT
 CGAAGATAATGGAAAATGACTGTGACACCAAGCTCCAGGACTGCTAAAGAGGGAACAGTCTCGAC
 AGTAAATGCAAAGAACTAGAGAAGGCCGAAGCTCGACTGAAGGCAAAGCAGGAGAAGCGTTAGAGAAG
 GAAACGCTGAAGACCAGCAGCCCCCTAGTCTGGAGGAGGCATCAGCTAGCCAGGCAGCCGAAAAAG
 AGAGTCGGTTGGAATCATCTGGCAAGAACAAGTCTATGATGTGCGAATTGAGAACTTCGATGTCTCTT
 TGGTGACAGGGTCTGCTGGCCGAGCAGACGTGAACTTGGCATGGGGCCGACGCTACGGGCTAGTGGGA
 CGCAATGGTCTGGGGAAGACGACATTGCTAAAGATGCTGGCCACCCGGAGCTTGGGTGTGCCAGCCATA
 TTTCCCTACTGCATGTAGAGCAGGAAGTTGCTGGAGATGACACCCTGCCTGCAGAGTGTGCTGGAAG
 TGATACCATACGAGAGGACCTGCTACGGCAGGAACGGGGACTCAGCCTCAAGATTGCTGCTGGCAGGGCA
 GAGGGTTCAGAGGCCGACTGCTGGCAGAAGTCTACACGAAGCTGGAGGAGATTGAGGCAGACAAGGCTC
 CTGCCAGAGCATCAGTATTCTCGCGGGCTTGGCTTACCCCTAAAAATGCAGCAGCAGCCTACCAGGGA
 GTTCTCTGGCGGTGGAGGATGAGATTGGCCTTGGCCGGGCTCTCTTGGCAGGCCAGACCTTCTGCTG
 TTAGACGAACCCACCAACATGCTGGATGTCAGGGCCATCTGTGGCTGGAGAATTACCTGCAGACGTGGC
 CCTCCACTATCCTAGTTGCTCTCATGACCGCACTTCTGAATGCCATTGCCACAGACATCATCCACT
 GCATAGCCAACGGCTAGATGGTTACCGAGGAGACTTTGAGACCTTCATCAAGAGCAAGCAGGAGCGGCTA
 CTCAACCAGCAGCGAGTATGAGGCACAGCAGTATCGACAGCACATCCAGGTTTTCTATTGACCGCT
 TCCGGTACAATGCAAACAGACCTCTCAAGTGCAGAGTAACTGAAGATGCTGGAGAAGCTACCTGAACT
 AAAGCCGGTGGACAAGGAGTCGGAGGTGGTGTGAAGTCCCTGATGGCTTTGAGAAGTTCTCACCGCCA
 ATCCTGCAGCTGGATGAGGTGGATTTCTACTACGACCCTAAGCACATCATCTTCAGCCGCTGTCTGTCT
 CTGCCGATCTCGAGTCCCGCATCTGCGTGGTGGGGAGAATGGGGCTGGGAAATCCACTATGCTGAAGCT
 GCTCATGGGGACCTGGCTCCTGTTCCGGGTATTAGGCATGCCACAGGAATCTGAAGATAGGCTATTT
 AGCCAGCACCATGTGGAGCAGCTAGACTTGAATGTCAGTGTGGAACCTCGGCTCGAAAATTTCTG
 GCGACCTGAAGAGGAATATCGTACCAGTTGGGCCGCTATGGTATCTCCGGGGAGCTGGCCATGCGCCC
 TGTTGCGAGCCTGTCTGGGGCCAGAAGAGCCGGTGGCCTTTGCTCAGATGACCATGCCTTGCCCCAAC
 TTCTATATTCTGGATGAACCCACAAACCCTGGACATGGAGACAATTGAAGCTCTGGGCCATGCTCTCA
 ACAACTTCAGGGGTGGTGTGGTTCTGGTATCTCATGACGAGCGCTTATCCGACTGGTGTCAAGGAGCT
 GTGGGTGTGCGAGAAAGGCAGTGTCACTCGGGTCGAGGGAGGATTTGACCAGTACCGAGCCCTCTCCAA
 GAACAGTTCGCCGGGAGGGCTTCTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR205118 representing NM_001011896
Red=Cloning site Green=Tags(s)

MATCADILRSEFPEIDGQVFDYVTGVLHSGSADFESVDDLVEAVGELLQEVSGDSKDDAGIRAVCQRMYN
 TLRLAEPQNGNNQVLLDAPIQLSKIMENYDCDTKLPGLLKREQSSTVNAKKLEKAEARLKAKQEKRSEK
 ETLKTSSPLVLEEASASQAGSRKESRLESSGKNKSYDVRIENFDVSFGDRVLLAGADVNLAWGRRYGLVG
 RNGLGKTTLLKMLATRSRVPAAHISLLHVEQEVAAGDDTPALQSVLESDTIREDLLRQERGLSLKIAAGRA
 EGSEAALLAEVYTKLEEIEADKAPARASVILAGLGFTPKMQQPTREFSGGWRMLALARALFARPDLLL
 LDEPTNMLDVRAILWLENYLQWTPSTILVSHDRNFLNAIATDIIHLHSQRLDGYRGDFETFIKSKQERL
 LNQQREYEAQQYRQHIQVFIIDRFYRNANRASQVQSKLKMLEKLPVDPKSEVVLKFPDGFKEKFSPP
 ILQLDEVDFYDYPKHIIIFSRLSVSADLESRICVVGENGAGKSTMLKLLMGDLAPVIRGIRHAHRNLKIGYF
 SQHHVEQLDLNVSARELLARKFPRPEEYRHLGRYGISGELAMRPVAVSLGGQKSRVAF AQMTMPCPN
 FYILDEPTNHLDMETIEALGHALNNFRGGVVLVSHDERFIRLVCKELWVCEKGSVTRVEGGFDQYRALLQ
 EQFRREGFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001011896

ORF Size: 2127 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_001011896.1](#), [NP_001011896.1](#)

RefSeq Size: 2536 bp

RefSeq ORF: 2130 bp

Locus ID: 287982

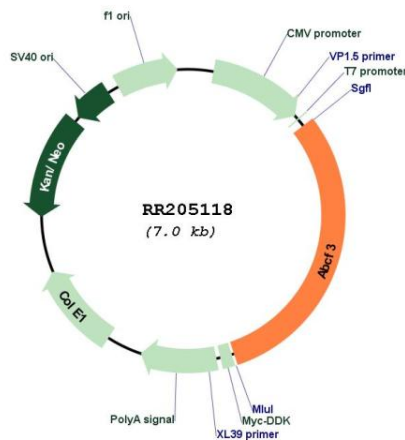
UniProt ID: [Q66H39](#)

Cytogenetics: 11q23

MW: 79.9 kDa

Gene Summary: Displays an antiviral effect against flaviviruses such as west Nile virus (WNV) in the presence of OAS1B.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RR205118