

Product datasheet for **MR210185**

Abcf3 (NM_013852) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abcf3 (NM_013852) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Abcf3
Synonyms:	AI326318; AU016058; BB119416
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR210185 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGACTTGGCTGATATCCTGCGAAGCGAGTTCCTGAAATTGACGGCAGGTCTTCGACTACGTGA
CCGGTGTCTTGACAGTGGCAGCGCGGATTTTCGAGTCTGTGGATGACCTGGTGGAAAGCTGTCGGGGA
ATTGCAAGAAGTGTCCGGGGACAGCAAGGATGACGCTGGCATTAGGGCTGTCTGTGACGCGCATGTACA
ACTCTACGCTGGCTGAACCGCAGAACCAGGAAACAGCCAGGTGCTACTGGACGCCCCATCCAGTTGT
CGAAGATAATGGAAAATGACTGTGACACAACTTCCAGGACTGCTAAAGAGGGAACAGTCTCTCGAC
AGTAAATGCGAAGAACTAGAGAAGGCTGAAGCTCGACTGAAGGCAAAGCAGGAGAAGCGTTTCAGAGA
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TTCCCTACTGCATGTAGAGCAGGAAGTTGCTGGAGATGACACTCCTGCCTTGCAGAGTGTGCTGGAAG
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GAAGGTTGAGAAGCTGCACAGCTGGCAGAAATCTATGGGAAGCTGGAGGAGATTGAGGCAGATAAGGCAC
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GCATAGCCAACGGCTAGACGGTTACCGGGGGACTTTGAAACCTTCATCAAGAGCAAGCAGGAGCGCCTT
CTCAACCAGCAGCGAGTATGAGGCCAGCAGATATCGCAACACATCCAGGTTTTCATCGACCGTT
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TGTTGCGAGCTTATCTGGGGCCAGAAAAGCCGGTAGCCTTTGCTCAGATGACCATGCCTTGCCCAAC
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ACAACCTCAGGGTGGTGAATTCTGGTATCTCATGATGAGCGCTTATCCGACTGGTGTCAAGGAGCT
GTGGGTGTGTGAGAACGGCAGTGTCACTCGGGTTGAGGGGGCTTTGACCAGTACCGGGCCCTCTCCAA
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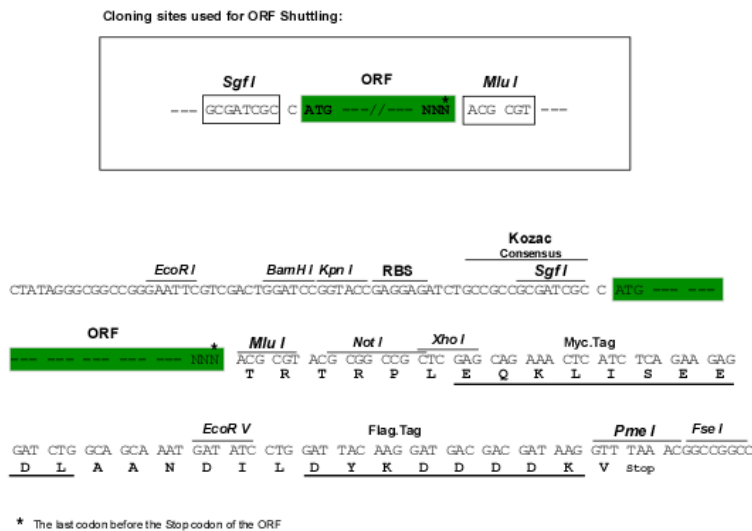
Protein Sequence: >MR210185 protein sequence
 Red=Cloning site Green=Tags(s)

MATCADILRSEFPEIDGQVFDYVTGVLHSGSADFESVDDLVEAVGELLQEVSGDSKDDAGIRAVCQRMYN
 TLRLAEPQNGNSQVLLDAPIQLSKIMENYDCDTKLPGLLKREQSSTVNAKKLEKAEARLKAKQEKRSEK
 ETLKTSNPLVLEEASASQAGSRKESRLESSGKNKSYDVRIENFDVSFGDRVLLAGADVNLAWGRRYGLVG
 RNGLGKTTLLKMLATRSRVRPAHISLLHVEQEVAGDDTPALQSVLESDTVREDLLRQERLSLRIAAGRA
 EGSEAAQLAEIYGKLEEEIADKAPARASVILAGLGFTPKMQQPPTREFSGGWRMLALARALFARPDLLL
 LDEPTNMLDVRAILWLENYLQTPSTILVSHDRNFLNAIATDIIHLHSQRLDGVRGDFETFIKSKQERL
 LNQQREYEAQQYRQHIQVFIIDRFYRANRASQVQSKLKMLEKLPVKDKESEVVLKFPDGFKEFSP
 ILQLDEVDFYDPKHSIFSRLSVSADLESRICVVGENGAGKSTMLKLLMGDLSVVRGIRHAHRNLKIGYF
 SQHHVEQLDLNVSARELLARKFPGLPEEYRHLGRYGISGELAMRPVAVSLGGQKSRVAFAMQMTMPCPN
 FYILDEPTNHLDMETIEALGQALNNFRGGVILVSHDERFIRLVCKELWVCENGSVTRVEGGFDQYRALLQ
 EQFRREGFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_013852

ORF Size: 2130 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_013852.2](#), [NP_038880.1](#)

RefSeq Size: 3288 bp

RefSeq ORF: 2130 bp

Locus ID: 27406

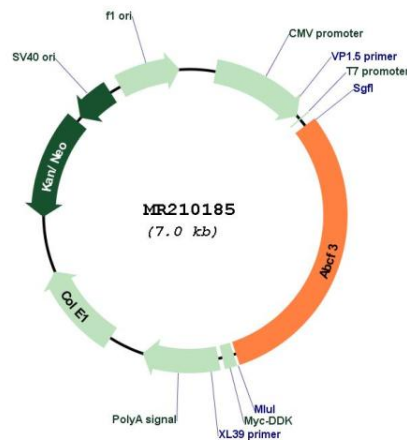
UniProt ID: [Q8K268](#)

Cytogenetics: 16 12.46 cM

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 MR210185