

Product datasheet for **MC222022**

Abcf1 (NM_013854) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abcf1 (NM_013854) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Abcf1
Synonyms:	Abc50; AU041969; D17Wsu166e; GCN20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222022 representing NM_013854
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGAAGGTTCCCAAGCAACAGCCGCCCGAGCCGAGTGGATCGGGGACGGCAGGGCAGAGCCCCG
 CGGACAAAGTAGTGAAGAAAGGAAAAAGGACAAGAAGACCAAAAAGACGTTCTTTGAAGAGCTGGCAGT
 AGAGGACAAACAAGCTGGGGAAGAGGAAAAATTGCAGAAGGAGAAGGAGCAGCAACAGCAACAGCAGCAA
 CAGAAGAAAAAGCGAGACACCAGGAAAGGCCGTCGGAAAAAGGATGTGGACGATGATAGTGATGAGAGAG
 TGCTCATGGAGCGACTTAAGCAACTGTCTGTGCCAGCCAGTGTAGGAAGATGAGGTGCCTGCCCCAT
 ACCCCGAGGACGGAAGAAGGCCAAGGGTGGAAATGTTTTGAAGCCCTGATTCAGGATGACAGTGAGGAG
 GAGGAAGAGGAGGAAGAAACCGTGTCTCAAGCCCGCCAAGCCAGAGAAGAATCGCATCAATAAGCCG
 TGGCTGAGGAACCTCCTGGGCTCAGGAGTAAAAAGGGAAAGGAGGAGAAATCAAAAGGGAAAGCCAAGAG
 TAAACCTGCTGCTGCAGACAGTGAAGGGGAAGAGGAGGAGGACACAGCTAAAGAAAAGGAGCCTCCT
 CAGCAAGGGAAGGACAGAGACAAAAAGGAGGCTGAGCAGGGCTCAGGGGAAGAGAAGGAAGAAAAGAA
 GGGACTTGAAGGCAAACGATCCCTATGCCAACCTTAGCAAAAAGGAAAAGAAAAGCTAAAGAAAACAGAT
 GGATTATGAACGACAGGTGGAGTCATTGAAAGCAGCTAATGCTGCAGAAAACGACTTCTCTGTGTCCAG
 GCAGAGGTGTCTTCCCGCCAGGCAATGTAGAAAAATGCATCTGACATTAAGTTGGAAAAGTTCAGCATCT
 CCGCCACGGCAAGGAGCTATTCGTCAATGTGTGACCTGTACATAGTAGCCGGCCGCCGCTATGGGCTGGT
 GGGACCAACGGCAAAGGCAAACACCGCTTCTGAAGCACATTGCCAACCGTGCCTGAGCATCCCCCT
 AACATTGACGTGCTGTGTGCGAGCAGGAGTGGTGGCTGATGAAACACCAGCCGTGCAAGCTGTCTTTC
 GAGCAGATACCAAGCGACTGAGGTTGCTAGAGGAGGAGAGACGGCTTCAGGGCAGCTGGAGCAGGGGGA
 TGACTGCTGTGAGAACTAGAAAAAGGTGTATGAGGAACTGCGAGCTACCGGGCAGCAGCTGCAGAG
 GCCAAGGCACGGCGGATCCTGGCTGGCTTGGGCTTCGACCCTGAGATGCAGAATCGGCCACACAGAAGT
 TCTCTGGGGTTGGAGAATGCGTGTCTCCCTGGCCAGGGCACTGTTTCATGGAGCCAACGCTGCTGATGTT
 GGATGAGCCCACTAACACCTGGACCTCAACGCCGTCTCTGGCTCAATAACTACCTTCAGGGCTGGAGG
 AAGACGTTGCTGATTGTCTCCACGACCAGGGCTTCTGGATGACGTTTGCAGTATCATCCACCTGG
 ACACCCAGCGGCTCCATTACTACAGGGGCAATTACATGACCTTCAAGAAGATGTACCAGCAGAAGCAGAA
 AGAGCTGCTAAAGCAGTACGAGAAGCAGGAGAAGAACTGAAGGAGCTGAAGGCTGGGGGCAAGTCCACC
 AAGCAAGCGGAAAAGCAAACAAGGAAGTCTGACTCGAAAACAGCAGAAGTGCCGACGGAAAACCCAGG
 ATGAAGAGTCTCAGGAGCCCTGAGCTCCTGAAGCGTCCAAGGAGTACACCGTGCCTTCACCTCCC
 AGACCCCCCGCTCTCAGCCACCTGTGCTGGGCTGCACGGTGTGACGTTTGGCTACGAGGGGCAGAAG
 CCACTCTTTAAGAATCTAGATTTCCGGCATCGACATGGACTCCCGGATTTGCATCGTGGGTCCCAATGGTG
 TGGGGAAGAGCACACTACTCCTGCTGCTGACTGGCAAGCTGACACCGACCAACGGGGAGATGAGGAAGAA
 CCATCGGCTGAAAATCGGCTTCTTTAACAGCAGTACGCAGAGCAGCTGCACATGGAGGAGACGCCCACT
 GAGTACCTGCAGCGGAGCTTCAATCTGCCCTACCAGGATGCCCGAAGTGCTTGGCCGCTTTGGCCTGG
 AGAGCCACGCCACACCATCCAGATCTGCAAACTCTCCGGTGGCAGAAAAGCCCGAGTTGTGTTTGGGA
 GCTGGCCTGTGGGAGCCTGATGCTCATCTTGGATGAACCAACCAATAACTTGGACATAGAGTCCATC
 GATGCCCTGGGGGAGGCCATCAACGACTACAAGGGGCTGTGATCGTTGTCAGCCACGATGCGCGCCTCA
 TCACAGAAAACCAACTGCCAGTTGTGGTGGTGGAGGAGCAGGGTGTGAGTCAAGTTCAGACGCGCAGTTTGA
 TGACTACAAGCGAGAGGTGTTGGAGCCCTGGGTGAGGTCATGGTCAACCGTCTCGGGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013854
Insert Size: 2514 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_013854.1 , NP_038882.1
RefSeq Size:	3207 bp
RefSeq ORF:	2514 bp
Locus ID:	224742
UniProt ID:	Q6P542
Cytogenetics:	17 18.8 cM
Gene Summary:	Required for efficient Cap- and IRES-mediated mRNA translation initiation. Not involved in the ribosome biogenesis (By similarity).[UniProtKB/Swiss-Prot Function]