

Product datasheet for **RN214337**

Abcf1 (NM_001109883) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abcf1 (NM_001109883) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Abcf1
Synonyms:	Abc50
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214337 representing NM_001109883
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCAAGGGTCCCAAGCAGCAGCCGCCAGCCGAGTGGATCGGGGACGGCGAAGGCACGAGCCCCG
 CGGACAAAGTAGTGAAGAAAGGCAAAAAAGACAAGAAGACCAAAAAGACGTTCTTTGAGGAACTGGCAGT
 GGAAGACAAGCAAGCCGGGAAGAGGAGAACTGCAGAAGGAGAAGGAGCAGCAGCAGCAGCAGCA
 CAGAAGAAAAAGCGAGACACCAGGAAAGGTCGTCGGAAGAAGGATGTGGATGATGATGATGGTATG
 AGAGAGTGCTCATGGAGCGCCTAAGCAGCTGTCTGTGCCAGCCAGTGTAGGAAAGATGAGGTACCTGT
 CCCCCTGCCCGAGGACGGAAGAAGGCAAAAGGGCGGAAATGTTTTGAAGCCCTGATTCAGGATGAAAGT
 GAGGAGGAAAAAGAGGAGGAAGAAAGCCTGTTCTCAAGCCTGCCAAGCCAGAGAAGAATCGCATCA
 ATAAAGCCGTGGCTGAGGAGCCTCCTGGCTCCGAAATAAAAAGGAAAGGAGGAGAAATCGAAAGGAA
 AGCCAAGAATAAACCGTCTGCTACAGACAGTGAAGGGGAAGATGATGAGGACATGACTAAAGAAAAGGAG
 CCTCCCAGGCCAGGGAAGGACAAAGACAAAAGGGAGCTGAGCAGGGTTCAGAGGAAGAGAAAGAAGAGA
 AGGAGGGGGAGGTGAAGGCGAATGATCCCTATGCCACCTTAGCAAAAAGGAAAAGAAAAGCTGAAGAA
 ACAGATGGATTATGAACGCCAGGTGGAATCATTAAAGGCAGCTAATGCTGCAGAAAATGACTTCTCTGTG
 TCCCAGGCAGAGGTGCTTCCCAGCAGGCAATGTTAGAAAATGCATCTGCATTAAGTTGAAAAAGTTCA
 GCATCTCGGCCACGGCAAGGAGCTGTTTGTCAATGCTGACCTGTACATCGTGGCTGGCCCGCTATGG
 GCTGGTGGGGCCCAACGGCAAGGGCAAGACCACACTTCTGAAGCACATTGCCAACCGTGCCTGAGTATC
 CCCCTAACATTGATGTCTGCTGTGCGAGCAGGAGGTGGTGGCTGATGAAACACCAGCCGTGCAAGCTG
 TTCTTCGTGCAGACAAAAGCAGCTGAGTTGCTAGAGGAGGAGAAAACGGCTTCAGGGACAGCTGGAGCA
 GGGGATGATACTGCCGCTGAGAAACTAGAAAAGGTATATGAGGAACTGCCGAGTACTGGGGCAGCAGCT
 GCAGAGGCCAAGGCACGGCGGATCCTGGCTGGCTTGGGCTTTGACCCTGAGATGCAGAATCGGCCACAC
 AGAAGTCTCTGGGGTTGGCGAATGCGTGTCTCCCTGGCCAGGGCACTGTTTCATGGAACCCACACTGCT
 GATGCTGGACGAGCCTACCAATCACCTGGACCTCAATGCCGTCATCTGGCTCAATAACTACCTTCAGGGC
 TGGAGGAAGACTGCTGATCGTCTCCCACGACCAGGGCTTTCTGGATGATGCTGCACCGATATCATCC
 ACCTGGACTCAGCGGCTCCATTACTACAGGGCAATTACATGACCTTCAAGAAGATGTACCAGCAGAA
 GCAGAAGGAGCTGCTGAAGCAGTACGAGAAACAGGAGAAGAAGCTGAAGGAGCTGAAGGCTGGGGCAAG
 TCCACCAAGCAAGCGGAAAAGCAAAACAAGGAAGTCTGACTCGAAAACAGCAGAAATGCCGAAGGAAAA
 ACCAGGATGAGGAGTCTCAGGATCCCCCTGAGCTTCTGAAGCGCCCCAGGAGTACACTGTGCGATTAC
 CTTCCCAGACCCCCACCTCTCAGCCCACCTGTCTGGGGCTGCATGGTGTGACGTTTGGCTACGAGGGG
 CAGAAGCCACTCTTAAGAACCTGGATTTCCGGCATCGACATGGACTCCCGAATTTGCATTGTGGTCCCA
 ATGGTGTGGGGAAGACACTACTCCTGTTGCTGACTGGCAAGCTGACACCGACCAACGGGAAATGAG
 GAAGAACCATCGGCTGAAAATCGGCTTCTTTAACAGCAGTATGCAGAGCAGCTGCACATGGAGGAGCG
 CCCACCGAGTACCTGCAGCGGGGCTTCAACCTGCCCTATCAGGATGCCCGGAAGTCTTGGGCCGCTTCG
 GCCTGGAGAGCCACGCCACACCATCCAGATCTGCAAACCTCTCGGGCGGGCAGAAAGCCGAGTTGTGT
 TGCGGAGCTGGCCTGTGGGAGCCTGATGTCCTCATTTGGATGAACCAACCAATAACTTGGACATAGAG
 TCCATCGATGCCCTGGGAGAGGCCATCAACGAGTACAAGGGAGCTGTGATCGTTGTGAGCCATGATGCAC
 GCCTCATCACAGAAACCAACTGCCAGTTGTGGGTGCTGGAGGAGCAGAGTGTGAGTCAAATTTGATGGTGA
 CTTTGTGACTACAAGCGAGAGGTGTTGGAGGCCCTGGGTGAAGTCATGGTCAACCGACCTCGGGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001109883
Insert Size: 2520 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:	<u>NM_001109883.2</u> , <u>NP_001103353.1</u>
RefSeq Size:	3092 bp
RefSeq ORF:	2520 bp
Locus ID:	85493
UniProt ID:	<u>Q6MG08</u>
Cytogenetics:	20p12
Gene Summary:	ATP-binding cassette (ABC) protein family member that associates with eIF2 and ribosomes to facilitate mRNA translation [RGD, Feb 2006]