

## Product datasheet for **RN212050**

### **Abcg4 (NM\_001106816) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Abcg4 (NM_001106816) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Abcg4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN212050 representing NM\_001106816  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGAGAAGGCACTGGAGGCTGTGGGCTGTGGACTGGGCCCTGGGGCTGTGGCCATGGCCGTGGCGC  
 TGGAGGACGGGGCAGAGCCCCCTGTGCTGACCACGCACCTAAAGAAGGTGGAGAACCATATCACAGAAGC  
 ACAGCGTTTCTCTCACCTGCCAAGCGCTCTGCTGTGGACATCGAGTTCGTGGAACATATCTATTCGCTG  
 CGGGAGGGGCCCTGCTGGCGCAAACGGGGTTATAAGACCCTCTCAAGTGCCTGTCTGGTAAATTCTGCC  
 GCCGAGAGCTGATTGGCATTATGGGCCCTCTGGGGCTGGCAAATCCACGTTTCATGAACATCTTGGCAGG  
 GTACAGGGAGTCGGGGATGAAGGGCAGATCCTGGTTAACGGGAGGCCACGCGATCTGAGGACCTTTCGC  
 AAGATGTCCTGCTACATCATGCAGGATGACATGCTTCTGCCTCACCTCACGGTGTAGAGGCCATGATGG  
 TCTCTGCCAACCTGAAGCTGAGTGAGAAGCAAGAGGTGAAGAAGGAACTGGTACAGAGATCCTGACAGC  
 CCTGGGACTGATGCTCTCTCACACAAGGACAGCCCTGCTCTCTGGAGGGCAGAGGAAGCGCCTGGCC  
 ATTGCTCTGGAGCTGGTCAACAACCCGCTGTGATGTTCTTTGATGAGCCTACCAGCGGTCTAGACAGCG  
 CTTCTTGTTCGAAGTGGTGTCCCTCATGAAGTCCCTGGCCCATGGGGCCGCACCGTCACTGACCCAT  
 CCACCAGCCCAGTGCCAAGCTCTTTGAGATGTTTGACAAGCTCTACATCCTGAGCCAGGGACAGTGCATC  
 TTCAAGGGCGTGGTTACCAACCTGATCCCTATTTGAAGGGGCTTGGCTTGCAGTCCACCTACCACA  
 ACCCCGCTGACTTCATCATTGAGGTGGCCTCTGGAGAGTATGGAGACCTGAACCCCATGCTGTTCAGGGC  
 TGTGCAGAATGGCCTTTGCACCATGGCCGAGAAGAAGAGCAGCCCCGAGAAGAATGAGGTCCCTGCCAC  
 TGTCCCCTTGCCTCCGGAACCTGGATCCATTGAAAGCCACACGTTTCCACCAGCACCTCACCCAGT  
 TCTGCATCCTCTTCAGGAGGACTTCTTGTCCATCCTCAGGGACACGGTCTGACCCACTTGCAGTTCAT  
 GTCACATGTGTTGATCGGCGTCCCTATTGGTCTCCTCTACCTGCACATCGGCGATGATGCCAGCAAGGTC  
 TTCAACAACACCGGCTTCTCTTCTTTCCATGCTCTTCTCATGTTTGCAGCCCTCATGCCGACTGTGC  
 TCACCTGTGAGCTGATCTGCCTGGCAAGATGGCAGTCTTCATGAGGGAGCACCTGAACTACTGGTACAG  
 TCTCAAAGCATATTACCTGGCCAAGACGATGGCTGATGTACCCTTCCAGGTTGTGTGCCAGTGGTGTAC  
 TGCAGCATTGTACTGGATGACTGGCCAGCCGGCTGAGACCAGCCGCTTCTGCTCTTCTCAGCCTTGT  
 CCATAGCTACCGCCTTAGTTGCCAGTCTTTGGGACTCTTGATTGGCGCTGCTTCTACCTCCTTGCAGGT  
 GGCCACCTTTGTGGGCCAGTCACTGCCATCCCTGTCTTGTCTCTGGCTTCTTGTGAGTTTCAAG  
 ACCATCCCACCTTACCTGCAATGGAGCTCTACCTTTCCTATGTCAGGTATGGCTTTGAGGGTCTGATCC  
 TGACCATCTATGGCATGGAGAGAGGACATCTGACCTGCTTAGAGGATCACTGCCATTCCGGGACCCACA  
 GATCATCTTGCATGAGCTGGATGTGGAGGAGGCCAAGCTCTACATGGACTTCTGGTCTGGGCATTTTC  
 TTCTTGGCCCTGCGGCTGCTTGCATACCTTGTGCTTCGGTACCGGGTCAAGTCTGAGAGATAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_001106816

**Insert Size:** 1953 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:**

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\\_001106816.1](#), [NP\\_001100286.1](#)

**RefSeq Size:** 3770 bp

**RefSeq ORF:** 1953 bp

**Locus ID:** 300664

**Cytogenetics:** 8q22