

## Product datasheet for **MC205331**

### Abcg4 (NM\_138955) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Abcg4 (NM_138955) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Abcg4
Synonyms:	6430517O04Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

#### Fully Sequenced ORF:

```
>BC016200
GAGCCGGAGTGTCCACCTCCCGCGCCGCAACGCTGAGCATCCGGGTGGAACATCCCGGTTGAGCATCTCT
GCTGAGCATCCTTGCCTGCGAGCGCCGAGACCGCTCAAGGCCGCTGCGTGATGGCGGAGAAGGCATT
GGAGGCCGTGGGCTGTGACTGGCCCTGGGGCTGTGGCCATGGCTGTGACACTGGAGGACGGGGCAGAG
CCCCCTGTGCTGACCACGCACCTAAAGAAGGTGGAGAACCATATCACAGAAGCACAGCGCTTCTCTCACC
TGCCCAAGCGCTCTGCTGTGACATCGAGTTCGTGGAAGTGTCTATTCCGTGCGGGAGGGGCCCTGCTG
GCGCAAACGGGGTTACAAGACCCTCCTCAAGTGCCTGTCTGGTAAAGTCTGTGCGCCGAGAGCTGATTGGC
ATCATGGGCCCTCTGGGGCTGGCAAGTCCACATTCATGAACATCTTGGCAGGGTACAGGGAGTCCGGGA
TGAAGGGGCAGATCCTGGTTAACGGGAGGCCGCGAGCTGAGGACCTCCGCAAGATGCTCTGCTACAT
CATGCAGGATGACATGCTACTGCCTCACCTCACAGTCTGGAGGCCATGATGGTCTCTGCCAACCTGAAG
CTGAGTGAGAAGCAAGAGGTGAAGAAGGAAGTGGTACAGAGATCCTGACAGCCCTGGGACTGATGCTCT
GCTCTCACACGAGGACAGCTCTGCTCTCTGGAGGGCAGAGGAAGCGCCTGGCCATTGCTCTGGAAGTGT
CAACAACCCGCTGTCTGTTCTTTGATGAGCCTACCAGCGGTCTAGACAGCGCTTCTTGTTCGAAGTGT
GTGTCCCTCATGAAGTCCCTGGCCCATGGGGGCGCACCGTCTATCTGCACCATCCACCAGCCAGTGCCA
AGCTCTTTGAGATGTTTGACAAGCTCTACATCCTGAGCCAGGGGCAATGCATCTTCAAGGGCGTGGTTAC
CAACCTGATCCCTATCTGAAGGGGCTGGCTTGCCTGCTCCACCTACCACAACCCCGTACTTCATC
ATTGAGGTGGCCTCTGGAGAGTATGGAGACCTGAACCCATGCTGTTTCAGGGCTGTGAGAATGGCCTTT
GCACCATGGCCGAGAAGAAGAGCAGCCCTGGGAAGAATGAGCTCCCTGCCACTGCCCACTTGCCTCC
GGAGCTGGATCCTATTGAAAGCCACACATTTGCCACCAGCACCTAACCAGTTCTGCATCCTCTTCAGG
AGGACTTTCTTGCCATCCTCAGGGACACGGTCTGACCACTTGGCGTTTCATGTACATGTGTTGATCG
GCGTCTCATTGGCCTCCTCTACCTGCACATTGGCGATGATGCCAGCAAAGTCTTCAACAACACCCGGCTT
CCTCTTCTTTCCATGCTCTTCTCATGTTTGCAGCCCTCATGCCGACCGTGTCTCACCTTCCCTTAGAG
ATGGCGGTCTTCATGAGGGAGCACTTGAAGTACTGGTATACTCTCAAAGCCTATTACTTGGCCAAGACCA
TGGCTGATGTGCCCTCCAGGTGGTATGCCAGTGGTGTACTGCAGCATCGTGTACTGGATGACAGGCCA
GCCAGCCGAGACCAGCCGCTTCTGCTCTTCTCAGCCTTGGCCATAGCCACCGCCTTAGTTGCCAGTCT
TTGGGACTCTTGATTGGCGCTGCCTCTACCTCCTTGCAGGTGGCCACTTTTGGGGCCAGTACTGCCA
TCCCTGTCTCTTGTTCCTCCGGCTTCTTGTGTCAGTTTCAAGACCATCCCACTTACTTGCATGGAGCTC
```



[View online »](#)

CTACCTCTCCTATGTTAGGTATGGCTTTGAGGGTCTGATCCTGACCATCTATGGTATGGAGCGAGGACAC  
 CTGACCTGCTTAGATGAACAGTGCCCATCCGGGACCCACAAATCATTTCGCGTAGCTGGATGTAGAGG  
 AGGCCAACTCTACATGGACTTCTGGTCTGGGCATTTCTTCCCTGCCCTGCGGCTGCTGGCATACT  
 TGTGCTCCGGTACCGGTCAAGTCTGAGAGATAGAGCCTGGCTCTACCTTCTTGGGCAGGAAGGCCCC  
 AGTTCCAGCCCTTTGGGGCTGTTTTAACTTGTACTTGGGCATTGGTTGCTGGTGCAGCTGCCCTCCTCT  
 CCCTCGGCTGCTACTCAGGCTGGCTGGCTGTGGGCTGTGTCTCCAGTCTCAGCCCCGGAGGTAGGGCTC  
 CAGCCCTCCCGTCAAGGCCAGGAGTCTTCCCAAGTTGATGCAGTTGGTAGCTTCTTCCCTACTGTCTCCA  
 ACACCTGCATGCAAAGACTGCTGGGAGGTTGCTGCCCTCCTCTGCGGAAAGCACCCCTCCTCTGTTGTTG  
 CCTGGGAGCTCCACGTTCTTAGGCCTTGACTTACAAGTATCAGATTGACTCCCTCTGGGGTCCCGC  
 CAACTCTGCTGTGAGGTTGGAGTCCCAGGGCTGGGCCCTGGTGGGGTCTCCAGGGAGTCCCATCATGGA  
 CATTGAATGGAGCAAGGAGGGACTCTGGAAGCTTCTCCTCTTTCTTTCCCTCCCAACACCCACTTTG  
 GCTAATTTGGACTATCTGTTGGGACAGAAGCCGGGCTTTCTGTCTGGGCCACCACTCCCAATCCTGGAGA  
 TTGGAGAGAGCATAGGATGTCCCGGCCCTTCCCTAAGCCTTCGGTCTGGATAGACCTCAACATCACCTC  
 TGCAATAATGTCTGTGCTACTCTCCCATCGGCCACAGGACCTGGAGAATGCATTTATTCTGGGGGTGA  
 GCGGGGAAGCCCCATCCTCCTTCTGCTGCTCCTGGGGCTCAGTTCCACAGGCTCCTTCTCCTCCA  
 GAATCACATCACAGGCACACAAAGGCCCGCCAGGCAATCTCAGCCCTACACAGGCACCATCCCTTGTGGCT  
 CAGAGGAAGAGTGGCCGTGGCAGGGAGCAGTCCAACGTCCTCCTGCAGAAATCCCACTTTGGAGGCTAAG  
 AATGAGACTGGTGTGACCCAGTATGACTCCAGGCTCGGCAGGTGTCTATCTCCAGTCTTCCCTCCTCT  
 TGAGCCCGGGGTGGCGCTGGCCTTCTGGAGGTCAGAACCAACAAGCACAAGAATGGGCATAGCTGGCCT  
 CGGCCACTGCTCCCCATGGCCCTCCTTTGTGCCCAAGCTGACACTCACTCACCTGCCCTCCTCCAG  
 CTGCTGCTGCTCACTCAAATCTGTTCACATGTATTCTTCCGGTCCAGCTGGTTCTGGGATCAGGATC  
 CAGAGCGCGGGGCTGGACATCAGGTGGCAGACACACCTGTCTATCTTCTTGGTGGGTCAGGATCATC  
 CTATATCTGGTTTCTCCTCCTCCAGGACTCTTCCCCAGTCCCTGTGCTCACTCCTCTGTATCTGCCCA  
 GGTTCTTCTCATTACACAGAGACAGTTGATTTGTGGGATTTCAACCATTATTAATAAAACCTATATTT  
 ATACAGTAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM\_138955
- Insert Size:** 1941 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:** [BC016200](#), [AAH16200](#)
- RefSeq Size:** 3522 bp
- RefSeq ORF:** 1941 bp

Locus ID: 192663

Cytogenetics: 9 A5.2