

Product datasheet for **RN212941**

Abcg3l4 (NM_001037205) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abcg3l4 (NM_001037205) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Abcg3l4
Synonyms:	MGC112634
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212941 representing NM_001037205
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTCCAGTAATGACCCCACTGTAATACCAATGACAGAAAGACGTCACAGTGACCTTCCCGAAACAA
 ACACCAGTGACCCGGAGACACTGACTGGAGAGGCTGTTGTGTGAGTTTTACAACATCAGCTACATAGA
 AACAGTGACAGAGCGCTTCCACTTTGTGAGAAGACACGTGTGATGAAAAGACTGTCGAGCATCAGTGGG
 ATCATGGGACCAGGCTCAATGCCATAATGGGACCTCAGGATGGGAGCAGATCTCTGTTATTAGATGTCT
 TAGCTGCAAGGAGACATCCAAGTGGATTATCAGGAGATATTTGGTAAACGGTAAACCTCGACCTGCTAA
 TTTCAAATGTACATCTGGTTATGTACCACATAATGATGTGGTCATGCACACAGTGACCGTGAGAGACAAT
 TTAGAGTTCTCAGCAGCTCTCTGTCTTCCAATGACTATAACAAGAGATGAAAAAGAAGGAGGATCAATG
 AGGTGCTTGAACCTTCTCATCTGGATGAAAAACAAAATACCAAGCCTAGATCCAAAGAACTCAGGAAAAG
 GACCAGTATAGCAGTGGAGCTGATCGCTGACCATCCCATTTTGTCTTGGATAATCCCACCCTTACTTA
 GACTTTACAACACTCGACTTATGTATATCAGTCCCTGAGAAGGATGTCGATGAAGGAAAAGACAATCATCT
 TCTCCATCAATCAGCCTCAGTACTCCATCTTCCAGATTCTTTGATAGCCTCACCTTAATGGCTTCAGGAAA
 ACTCATGTTTCATGGACCTGCACGGGATGCTCTGGAGTACTTCACATCTGCGGGTTACCCTCGAGACTTC
 TTCCTGGACATCATTAAATGGAGGTTTCTGTGACACAGAGGAAGATGGCCATGAAGTTGAAAACATGAAG
 AACTTTTTGAGAGACAATATCAAGCCACAAAAAATTGGTCAATATGTATGCCAGTCCCCTTACACAG
 TGACACAAGAGCCAGACTGGATCAAATCTTGGGCAACAGCAGCTGGACAGGAACAGCTGTGGAGACC
 ACATGTGCCACCCTTTCTGGCATCAACTCATGTGGATTACCTATCGATCATTAAAAATATCTGGGGTT
 TTCCATGGCCACTGTGATTCAGGCTGTTATCATAGCCATACTGGCAGCACTGATAGGCATCGCTTTCCA
 GGTCTGAAAAATGATTGTAATGAAGTCCGGATAAGAGCCGGCCCTTTACCTGCTCACAATCTTCCAG
 AGCCTCACAAGTGTGTTGCAGGGTGCTCTTTGTGATTAACAGGCATCGCTTTTACATGAGCACACCA
 GTGGATACTACAGAGTGTATGCTATTTCTTTGGGAAATTGCTGGCTGACCTAATACCCAGGAGGCTGTT
 GCCAAGTACTATAGTACTCATAACATACTTCATAGCAGGAGGAAGAATGAGCATGAGCTCTTTCTTTGCT
 ATGCTATTTACCGTCATGATGCTGGATTTTCTGTGAGCTCCCTGCCACTGTCTATAGGAGCCGGGAAGA
 ATGCAGTGGCTGTTCCAACACTGTTTGACCATCTACTTTGTGTTTCATGCTGATCTTTTTCAGGTTTATC
 ACTATATTCGGGAAGCCTCCACCTAAGCTCTCATGGATTCAATACTTTAGCATTCTTCATTACGCCTTT
 AAGGCTTTGCTGCACAATGAGTTCCTCGACAAAACTTCTGTTTCAAGAGCAGGATGGAAGAACTCAGTA
 GATGCCATAACTATGTAATATGTGCTGGTGAAGAATTCTTGGCGATCCAGGGCATCGATCTCTCATCGTG
 GGGCTTCTGGGAGAATCACCTGGCTTTAGCTTGTATAATGATTATCCTCTTAAACAATTACCTATGTGCAG
 TTATTACAGGTTAAGACATTAGAAGTCTTAGATCGCGGGGGAGGAATTTTCTTCAGTTGTTAACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001037205
- Insert Size:** 1959 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_001037205.1](#), [NP_001032282.1](#)

RefSeq Size: 2735 bp

RefSeq ORF: 1959 bp

Locus ID: 360997

Cytogenetics: 14p22