

Product datasheet for **RN202423**

Abcg3 (NM_001128311) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abcg3 (NM_001128311) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Abcg3
Synonyms:	RGD1565568
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202423 representing NM_001128311
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCCTTCCAATAATGACCCATTGTAATACCAATGGCAGAAAGACGTACAGTGACCTCCCGAAACAA
 ACACCACTGACCCGAGAGACTGACTAAAGAGGCTGTGTTGAGTTTTACAACATCAGCTACAGAGAAAC
 AGTGCAGAGCGGCTTTCACTTCGTGAGAGACAGTGTGATAGAAAGACTGTCGAGCATCAGTGGGATC
 ATGGGACCAAGGCTCAATGCCATTATGGGACCTCAGGATGGGAGCAGATCTGTATTAGATGTCTTAG
 CTGCAAGGAGAGATCCAAGTGGATTATCAGGAGATATTTTGGTAAATGGTAAACCTCGACCTGCTAATTT
 CAAATGTACATCTGGTTATGTACCACAAAATGATGTGGTCATGCACACGGTGACTGTGAGAGACAATTTA
 GAGTTCTCAGCAGCTCTCCGTCTTCCAATGACTATAACAAGAGATGAAAAAGAAGGAGGATCAATGAGG
 TGCTTGAACCTTGCATCTGGATAAAGAACAAAATACCAAGCCTAGATCCAAAGAACTCAGGAAAAGGAC
 CAGTATAGCAGTGGAGCTGATCGCCGAGCATCCCATTTTGTCTTGGATGATCCACCACCTGACTTAGAC
 TTGACCACTACGACTTATGTCATATCAGTTCTGAGAAGGATGTCGATGAAGGGAAAGACAATCATCTTCT
 CCATCAATCAGCCTCAGTACTCCATCTTCAGATTCTTTGATAGCCTCACCTTAGTGGCTTCAGGAAAAC
 CATGTTTCATGGACCTGCACGGGACGCTCTGGAGTACTTCACATCTGCGGGTTACCAATACGAGTCCAC
 AACACCTGCAGACTTCTTCTGGACGTCAATTAATGGAGTTTGTGTGACACAGAGGAAGATGGCCATG
 AAGCTGGAACCTATGAAGAACTTTTGGAGAAAAATCAAGCCACAAAAAATTGGCCAAATATGTATGC
 CCAGTCCCGCTTACACAGTGACACAAGGCCAGACTGGATCAACTCTTGGGGACACGAGCTGGACAGG
 AACTCAGCTGTGGAGACCACATGTGTACCCCTTTCTGGCATCAACTCATGTGGATTACCTATCAATCAT
 TCAAAAAATATCCGGGGTTTCTACTGGTCACTGCGAAACAGGCTGTTATCACAGCCACGCTGGCAGCACT
 GTTAGGCATCGCTTTCCAGATCCTGAAAAATGGTTGTATTGAAGTATACATAAGAGCCGGCCTCCTTTAC
 CTGCTCACAATCTTCCAGTGCATCACAAGTGTGTCTGCAGGGGAGCTCTTTGTGATTGACAGGGATCGCT
 TTCTACATGAGCACACCACTGGATACTACAGAGTTTCATCCTATTTCTTTGAAAAATTGCTGGCTGAGCT
 AATACCCAGGAGGCTGTTGCCAAGTACTATAGTACTTATAACATACTTCATAGCAGGAGTAAAAACAAGC
 ATGAGCTCTTTCTCGCTATGCTATTTACCGTCATGATGTTGGCTTATTCTGCCAGCTCCCTGCCACTGT
 CTATAGGAGCCGGGGAATGCAGTGGCTGTCCCAACTGTTTGTGACCATCTACTTTGAGTTCATGCT
 GTTTTTTTCAGGTTTATCACTATATTCTGGAAGCCTCTACCTCAGCTCTCATGGATTCACTACTTAAC
 ATTCCTCATTATGGATTTAAGGCTTTGCTGCACAATGAATTCCTTGGACAAAACCTCTGTTCAGAACACA
 ACATAGAAGAAGTCAGTAGATGCCATAACTATGTAATATGTAAGTGGTGAAGAATCTTGACGATCCAGGG
 CATCGATCTCTCATCGTGGGGCTTCTGGGAGAATCACCTGGCTTTAGCTTGATAATGATTATCCTCTTA
 ACAATTACCTATGTGCAGTTATTACAGGTTAAGACATTAGAAGTTCTTAGATCGCGGGGGAGGAATTTTC
 TTCAGTTGTTAACT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001128311

Insert Size: 1977 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_001128311.1, NP_001121783.1

RefSeq Size: 2273 bp

RefSeq ORF: 1977 bp

Locus ID: 498327

Cytogenetics: 14p22