

Product datasheet for **MR217194**

Abcg3 (NM_030239) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abcg3 (NM_030239) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Abcg3
Synonyms:	Abc; Abcp2; Mxr; Mxr2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR217194 representing NM_030239
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCTTCTAATAATGACCCCACTGTAATCTCAATGATAGAAAGACATCTTTGTGACCTTCTGAAACAA
ACACCAGTGACCTGAAGACATTGACTGAAGAGGCTGTGTTGAGTTTTACAAACATCAGTTACCAAGAAAC
AGTACAGAGTGGCTTTCCACTTCGTAAAAAGGCATATGTGATAGAAAGACTATCAAACATCAGTGGGATC
ATGAAACCTGGCCTCAATGCCATTATGGGACCTCAGGATGGGAGCAGATCTTTGTTGTTAGATGTCTTAG
CTGCAAGGAGAGATCCGCGTGGATTATCAGGAGATATTTTGATAAATGGCAAACCTCGACCTGCTAATTT
CAAGTGTACTTCTGGTTATGTACCACAAAATGATGTGGTGTGGGCACAGTGACCGTGAGAGACAATTTA
GAGTTCTCAGCAGCTCTTCGTCTCCAGTACTATAACAAGAGATGAAAAGAGAAGGAGGATTAATGAGG
TGCTTGAACCTTGCATCTGAATAAAGAACAAAATATCAAGCCTAGATCCAAAGAACTCAGGAAAAGGAC
CAGTATAGCAATGGAGCTGGTCACTGAGCATCCCATTTTGTCTTGGATGATCCCAACCTGGCTTAGAT
TTGAGAATACGACTGATGTCATTTTAGTCCTGAGAAGGATGTCGAAGAAGGGACGGACCATCATCTTCT
CCATCAATCAGCCTCAGTACTCCATCTTCAAATTTTTGTAGCCTCACCTTAGTGGCTTCAAGAAAAGT
TATGTTTCATGGACCTGCACAGGATGCTTTGGAGTACTTCAGATCTGCAGGTTACAATTATGAATCGCAC
AACAAACCTGCAGACTTCTTCTGGATGTCATTAATGGAGGTTTCTCTAATATATTAGACACAGAGGAAG
ACGGCCATGAAGATGACAAAATGAAGAGCTTTTTGAGAGACAGTATCAAGTCACAGGAAAACCTGGCCAA
TATGATGCCAGTCCCCATTATACAGTGAACAAGAGCCATCCTGGATCAACTCTGGGAGAACAGAAG
CTGGAGAGGAGCTCAGCCGTGGAGACAACATGTGTCACCCCTTCTGCCATCAGCTCAAGTGGATTATCT
GTCAATCATTCAAAAATTTCAAGGTTTTCCATGGGTCACTGTGATTCAAGCCATTATCACAGTCATATT
GGCTACAGCCGTAGGCACTGCTTTCCGTGTCCTAAAAAATGATTGTATTGAAGTCCAGATGAGAGCTGGC
CTACTTTACCTGCTCACCATCTTCCAGTGTATCACAAGTGTGTCTGCAGGGGAGCTCTTTGTGATTGACA
GGGTTTCGCTTTCTACATGAGCACACCAGTGGATACTACAGAGTGTATCTTCTTTGGGAAATTGCT
GGCTGAGCTAATACCCAGGAGGCTTTTGCCAAGTACTGTATTTTCTAATAACATATGTCATAGCAGGA
GTAAAAATGAGTATGAAGTGTCTTCACTATGATATGTACCATCATGGTGTGGCTATTCTGCCAGTT
CCCTGCCATTGTCATAGGAGCTGGGAGAATGCAGTGGCTGTCCAACACTGCTTGTGACCATCTACTT
TGTGTTATGCTGTTTTTTTTCAGGTCTATCACTATATTCTGGAAGCTTCTGCCTAAGCTCTCATGGATT
CAGTACTTTAGCATTCTCATTATGGATTTAGGGCTCTGCTGCATAATGAATTCCTGGGACAAAACCTTTT
GTCCAGAACACAACAGAAAGTCAGTAGATGCCATAACTATGTTATATGACTGGTGAAGAATTCTT
GATGATCCAGGGCATTGATCTCTCATCGTGGGGCTTCTGGGAGAATCACCTGGCTTAGTTGTACAATG
ATTATCTCTTAAACAATTACCTATGTGCAGTTATTACAGGTTAAGAATATTAGAAAATTTT

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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_030239.2](#), [NP_084515.2](#)

RefSeq Size: 3034 bp

RefSeq ORF: 1953 bp

Locus ID: 27405

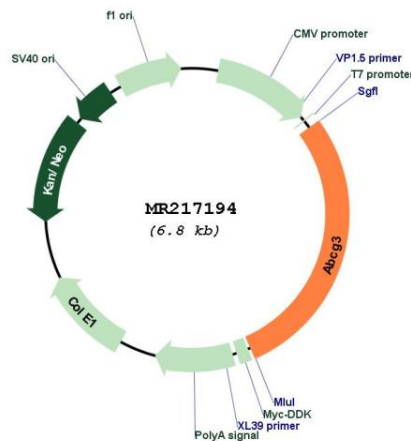
UniProt ID: [Q99P81](#)

Cytogenetics: 5 50.68 cM

MW: 73.6 kDa

Gene Summary: The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the White subfamily. It lacks several highly conserved residues found in other ATP-binding proteins; this suggests that this protein may not bind ATP and may require dimerization with another subunit to form a functional ATP-transporter. The function of this gene has not yet been determined; however, high levels of expression in the thymus and spleen suggest a potential role in the transport of specific peptides or hydrophobic compounds from lymphocytes. [provided by RefSeq, Jul 2008]

Product images:



Circular map for MR217194