

Product datasheet for **RC206478A1V**

Human ABCG1 (NM_016818) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ABCG1 (NM_016818) AAV Particle
Tag:	Myc-DDK
Symbol:	ABCG1
Synonyms:	ABC8; WHITE1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC206478 representing NM_016818
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTGTCTGATGGCCGCTTTCTCGGTCCGACCCGCCATGAATGCCAGCAGTTACTCTGCAGAGATGA
 CGGAGCCCAAGTCGGTGTGTGTCTCGGTGGATGAGGTGGTGTCCAGCAACATGGAGGCCACTGAGACGGA
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 GCCATCCCGGTGCTCCTGTTCTCGGGTTCTTCTGTCAGCTTCGACACCATCCCCACGTACCTACAGTGGA
 TGTCTACATCTCCTATGTAGGTATGGGTTCAAGGGGTATCCTCTCCATCTATGGCTTAGACCGGGA
 AGATCTGCACTGTGACATCGACGAGACGTGCCACTTCCAGAAGTCGGAGGCCATCCTGCGGGAGCTGGAC
 GTGGAAAATGCCAAGCTGTACCTGGACTTCATCGTACTCGGGATTTTCTTCATCTCCCTCCGCTCATTG
 CCTATTTGTCTCAGGTACAAAATCCGGGCAGAGAGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC206478 representing NM_016818 Red=Cloning site Green=Tags(s) MACLMAAFSVGTAMNASSYSAEMTEPKSVCSVDEVSSNMEATETDLLNGHLKKVDNNLTEAQRFFSLP RRAAVNIEFRDLSYSVPEGPWRRKKGYKTLLKGISGKFNSGELVAIMGPSGAGKSTLMNLAGYRETGMK GAVLINGLPRDLRCFRKVSICYIMQDDMLLPHLTVQEAMMVS AHLKLQEKDEGRREMVKEILTALGLLSCA NTRTGSLSGGQKRRLAIALELVNPPVMFFDEPTSGLDSASCFQVVS LMKGLAQGGRSIICTIHQPSAKL FELFDQLYVLSQGCQVYRGKVCNLVPYL RDLGLNCPTYHNPADFVMEVASGEYGDQNSRLVRVREGMCD SDHKRDLGGDAEVPFLWHRPSEEDSSMEGCHSF SASCLTQFCILFKRTFLSIMRDSVLTHLRITSHIG IGLLIGLLYLIGNEAKKVLNSGFLFFSMLFLMFAALMPTVLTFPLEMGVFLREHLNYWYSLKAYYLAK TMADVFPQIMFPVAYCSIVYWMTSQPSDAVRFLVFAALGTMTSLVAQSLG LLIGAASTSLQVATFVG PVT AIPVLLFSGFFVSFDTIPTYLQWMSYISYVRYGFEGVILSIYGLDREDLHCDIDETCHFQKSEAILRELD VENAKLYLDFIVLGIFFISLR LIA YFVLR YKIRAER TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_016818
ORF Size:	1998 bp
Buffer:	PBS with 0.001% Pluronic F5895
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_016818.2</u>
RefSeq Size:	2982 bp
RefSeq ORF:	2001 bp
Locus ID:	9619
UniProt ID:	<u>P45844</u>
Cytogenetics:	21q22.3
MW:	74 kDa