

Product datasheet for **RC218776A1V**

Human ABCG5 (NM_022436) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ABCG5 (NM_022436) AAV Particle
Tag:	Myc-DDK
Symbol:	ABCG5
Synonyms:	STSL; STSL2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC218776 representing NM_022436
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGGTGACCTCTCATCTTTGACCCCCGGAGGGTCCATGGGTCTCCAAGTAAACAGAGGCTCCCAGAGCT
 CCCTGGAGGGGGCTCCTGCCACCGCCCCGGAGCCTCACAGCCTGGGCATCCTCCATGCCCTCTACAGCGT
 CAGCCACCGCGTGAGGCCCTGGTGGGACATCACATCTTGCCGGCAGCAGTGAGACCAGGCAGATCCTCAAA
 GATGTCTCCTTGACGTGGAGAGCGGGCAGATCATGTGCATCCTAGGAAGCTCAGGCTCCGGGAAAACCA
 CGCTGTGGACGCCATGTCCGGGAGGCTGGGGCGCGGGGACCTTCTGGGGGAGGTGTATGTGAACGG
 CCGGGCGCTGCGCCGGGAGCAGTTCCAGGACTGCTTCTCTACGTCTGCAGAGCGACACCCTGTGAGC
 AGCCTCACCGTGCGCGAGACGCTGCACTACACCGCGCTGTGGCCATCCGCCGCGCAATCCCGGCTCCT
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 GGTCTCCTTTACCAGTTTGTGGGCGCCACCCGTACACAGGCATGCTGAACGCTGTGAATCTGTTTCCCG
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AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC218776 representing NM_022436 Red=Cloning site Green=Tags(s) MGDLSSLTPGGSMGLQVNRGSQSSLEGAPATAPEPHSLGILHASYSVSHRVRPWWDITSCRQQWTRQILK DVSLYVESGQIMCILGSSGSGKTTLLDAMSGRLGRAGTFLGEVYVNGRALRREQFQDCFSYVLQSDTLLS SLTVRETLHYTALLAIRRGNPGSFQKKVEAVMAELSLSHVADRLIGNYSLGGISTGERRRVSIAAQLLQD PKVMLFDEPTTGLDCMTANQIVVLLVELARRNRIVVLTIHQPRSELFQLFDKIAILSFGELIFCGTPAEM LDFFNDGYPCEHSNPFDFYMDLTSVDTQSKEREIETSKRVQMIESAYKKSACHKTLKNIERMKHLKT LPMVPFKTKDSPGVFSKLGVLRLRVTRNLVRNKLAVITRLLQNLIMGLFLLFFVLRVRSNVLKGAIQDRV GLLYQFVGATPYTGMLNAVNLFPVLRVSDQESQDGLYQKWQMLLAYALHVL PFSVVATMIFSSVCYWT GLHPEVARFGYFSAALLAPHLIGEFLLVLLGIVQNPNI VNSVALLSIAGVLVSGGFLRNIQEMP IPFKIISYFTQKYCSEILVNEFYGLNFTCGSSNVSVTTNPMCAFTQGIQFIEKTCPGATSRFTMNLILYSF IPALVILGIVVFKIRDHLISR SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_022436
ORF Size:	1953 bp
Buffer:	PBS with 0.001% Pluronic F7905
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_022436.2</u>
RefSeq Size:	2740 bp
RefSeq ORF:	1956 bp
Locus ID:	64240
UniProt ID:	<u>Q9H222</u>
Cytogenetics:	2p21
MW:	72.5 kDa