

Product datasheet for **RC205640A1V**

Human ABCG2 (NM_004827) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ABCG2 (NM_004827) AAV Particle
Tag:	Myc-DDK
Symbol:	ABCG2
Synonyms:	ABC15; ABCP; BCRP; BCRP1; BMDP; CD338; CDw338; EST157481; GOUT1; MRX; MXR; MXR-1; MXR1; UAQTL1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC205640 representing NM_004827
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTTCCAGTAATGTGCAAGTTTTATCCCAGTGTCAAGGAAACACCAATGGCTTCCCGCGACAG
 CTTCGAATGACCTGAAGGCATTTACTGAAGGAGCTGTGTTAAGTTTTATAACATCTGCTATCGAGTAAA
 ACTGAAGAGTGCGCTTTCTACCTTGTCGAAAACAGTTGAGAAAGAAATATTATCGAATATCAATGGGATC
 ATGAAACCTGGTCTCAACGCCATCCTGGGACCCACAGGTGGAGGCAAATCTTCGTTATTAGATGTCTTAG
 CTGCAAGGAAAGATCCAAGTGGATTATCTGGAGATGTTCTGATAAATGGAGCACCGCGACCTGCCAATTT
 CAAATGTAATTCAGGTTACGTGGTACAAGATGATGTTGTGATGGGCACTCTGACGGTGAGAGAAAACCTTA
 CAGTTCTCAGCAGCTCTTCGGCTTGCAACAATATGACGAATCATGAAAAAACGAACGGATTAACAGGG
 TCATTCAAGAGTTAGGCTGGATAAAGTGGCAGACTCCAAGGTTGGAACCTCAGTTTATCCGTGGTGTGTC
 TGGAGGAGAAAGAAAAGGACTAGTATAGGAATGGAGCTTATCACTGATCCTTCCATCTTGTTCTTGGAT
 GAGCCTACAACCTGGCTTAGACTCAAGCAGCAAAATGCTGTCCTTTTGCTCCTGAAAAGGATGTCTAAGC
 AGGGACGAACAATCATCTTCTCCATTATCAGCCTCGATATTCATCTTCAAGTTGTTTGATAGCCTCAC
 CTTATTGGCCTCAGGAAGACTTATGTTCCACGGGCCTGCTCAGGAGGCCTTGGGATACCTTGAATCAGCT
 GGTTATCACTGTGAGGCCTATAATAACCCTGCAGACTTCTTCTTGACATCATTAAATGGAGATCCACTG
 CTGTGGCATTAAACAGAGAAGAAGACTTTAAAGCCACAGAGATCATAGAGCCTTCCAAGCAGGATAAGCC
 ACTCATAGAAAAATTAGCGGAGATTTATGTCAACTCCTCCTTCTACAAAGAGACAAAAGCTGAATTACAT
 CAATTTCCGGGGGTGAGAAGAAGAAGATCACAGTCTTCAAGGAGATCAGCTACACCACCTCCTTCT
 GTCATCAACTCAGATGGGTTTCCAAGCGTTCATTCAAAAACCTTGCTGGGTAATCCCAGGCCTCTATAGC
 TCAGATCATTGTACAGTCGTACTGGGACTGGTTATAGGTGCCATTTACTTTGGGCTAAAAAATGATTCT
 ACTGGAATCCAGAACAGAGCTGGGGTTCTCTTCTCCTGACGACCAACCAGTGTTTCAGCAGTGTTTCAG
 CCGTGGAACCTCTTGTGGTAGAGAAGAAGCTCTTCATACATGAATACATCAGCGGATACTACAGAGTGTC
 ATCTTATTTCTTGAAAACCTGTTATCTGATTTATTACCCATGAGGATGTTACCAAGTATTATATTTACC
 TGTATAGTGTACTTCATGTTAGGATTGAAGCCAAAGGCAGATGCCTTCTTCGTTATGATGTTTACCCTTA
 TGATGGTGGCTTATTCAGCCAGTTCATGGCACTGGCCATAGCAGCAGGTCAGAGTGTTGTTCTGTAGC
 AACACTTCTCATGACCATCTGTTTTGTGTTTATGATGATTTTTTCAGGTCTGTTGGTCAATCTCACAACC
 ATTGCATCTTGGCTGTATGGCTTCAGTACTTCAGCATTCCACGATATGGATTTACGGCTTTCAGCATA
 ATGAATTTTGGGACAAAACCTTGCCAGGACTCAATGCAACAGGAAACAATCCTTGTAACATATGCAAC
 ATGTAATGGCGAAGAATATTTGGTAAAGCAGGGCATCGATCTCTCACCTGGGGCTTGTGGAAGAATCAC
 GTGGCCTTGGCTTGATGATTGTTATTTTCTCACAATTGCCTACCTGAAATTGTTATTTCTTAAAAAAT
 ATTCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC205640 representing NM_004827 Red=Cloning site Green=Tags(s) MSSSNVEVFIPVSQGNTNGFPATASNDLKAFTEGAVLSFHNICYRVKLKSGFLPCRKPVEKEILSNINGI MKPGLNAILGPTGGGKSSLLDVLAARKDPSGLSGDVLINGAPRPANFKCNSGYVVQDDVVMGTLTVRENL QFSAALRLATTMTNHEKNERINRVIQELGLDKVADSKVGTQFIRGVSGGERKRTSIGMELITDPSILFLD EPTTGLDSSTANAVLLLLKRMSKQGRTIIFSIIHQPRYSIFKLFDSLTLASGRLMFHGPAQEALGYFESA GYHCEAYNNPADFFLDIINGDSTAVALNREEDFKATEIIEPSKQDKPLIEKLAEIYVNSSFYKETKAELH QLSGGEKKKKITVFKEISYTTSFCHQLRWVSKRSFKNLLGNPQASIAQIIVTVVLGLVIGAIYFGLKND TGIQNRAGVLFLLTTNQCFSSVSAVELFVVEKKLFIHEYISGYRVSYSYFLGKLLSDLLPMRMLPSIIFT CIVYFMLGLKPKADAFFVMMFTLMMVAYSASSMALAIAAGQSVSVATLLMTICFVMMIFSGLLVNLT IASWLSWLQYFSIPRYGFTALQHNEFLGQNFPCPLNATGNNPCNYATCTGEEYLKQGIDLSPWGLWKNH VALACMIVIFLTIAYLKLLFLKKYS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004827
ORF Size:	1965 bp
Buffer:	PBS with 0.001% Pluronic F5740
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_004827.2</u>
RefSeq Size:	4445 bp
RefSeq ORF:	1968 bp
Locus ID:	9429
UniProt ID:	<u>Q9UNQ0</u>
Cytogenetics:	4q22.1
MW:	72.1 kDa