

Product datasheet for **RC208949A1V**

Human Adenine Nucleotide Translocator 2 (SLC25A5) (NM_001152) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Adenine Nucleotide Translocator 2 (SLC25A5) (NM_001152) AAV Particle
Tag:	Myc-DDK
Symbol:	Adenine Nucleotide Translocator 2
Synonyms:	2F1; AAC2; ANT2; T2; T3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC208949 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**

ATGACAGATGCCGCTGTGTCCTTCGCCAAGGACTTCCTGGCAGGTGGAGTGGCCGCAGCCATCTCCAAGA
CGGCGGTAGCGCCCATCGAGCGGGTCAAGCTGCTGCTGCAGGTGCAGCATGCCAGCAAGCAGATCACTGC
AGATAAGCAATACAAAGGCATTATAGACTGCGTGGTCCGATTTCCCAAGGAGCAGGGAGTTCTGTCTTC
TGGCGCGGTAACCTGGCCAATGTCATCAGATACTCCCCACCCAGGCTTAACTTCGCCTTCAAAGATA
AATAACAAGCAGATCTTCTGGTGGTGTGGACAAGAGAACCAGTTTTGGCGCTACTTTGCAGGGAAT
GGCATCGGGTGGTGGCGAGGGGCCACATCCCTGTGTTTTGTGTACCCTCTGATTTTGCCTGACCCGT
CTAGCAGCTGATGTGGGTAAAGCTGGAGCTGAAAGGAATTCGAGGCCTCGGTGACTGCCTGGTTAAGA
TCTACAAATCTGATGGGATTAAGGGCTGTACCAAGGCTTTAACGTGTCTGTGCAGGGTATTATCATCTA
CCGAGCCGCTACTTCGGTATCTATGACTGCAAAGGAATGCTTCCGGATCCAAGAACACTCACATC
GTCATCAGCTGGATGATCGCACAGACTGCTACTGCTGTTGCCGGTTGACTTCTATCCATTTGACACCG
TTCGCCCGCATGATGATGCAGTCAGGGCGCAAAGGAAGTACATCATGTACACAGGCACGCTTGACTG
CTGGCGGAAGATTGCTCGTATGAAGGAGGCAAAGCTTTTTTCAAGGGTGCATGGTCCAATGTTCTCAGA
GGCATGGTGGTCTTTGTGCTTGCTTGATGATGAAATCAAGAAGTACACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC208949 protein sequence Red=Cloning site Green=Tags(s) MTDAAVSFAKDFLAGGVAAAISKAVAPIERVKLLQVQHASKQITADKQYKGIIDCVVRIPKEQGVLSF WRGNLANVIRYFPTQALNFAFKDKYKQIFLGGVDKRTQFWRYFAGNLASGGAAGATSLCFVYPLDFARTR LAADVKGAGAEREFRLGDCLVKIYKSDGIKGLYQGFNVSVQGI IYRAAYFGIYDTAKGMLPDPKNTHI VISWMI AQTVTAVAGLTSYPFDTVRRRMMMQSGRKGTDIMYTGTLDCWRK IARDEGGKAFKGAWSNVL R GMGGAFVLVLYDEIKKYT TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001152
ORF Size:	894 bp
Buffer:	PBS with 0.001% Pluronic F68
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_001152.1, NP_001143.1</u>
RefSeq Size:	1351 bp
RefSeq ORF:	897 bp
Locus ID:	292
UniProt ID:	<u>P05141</u>
Cytogenetics:	Xq24
MW:	32.9 kDa