

Product datasheet for **RC210214A1V**

Human SLC7A2 (NM_001008539) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC7A2 (NM_001008539) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC7A2
Synonyms:	ATRC2; CAT2; HCAT2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC210214 representing NM_001008539
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGATTCCTTGACAGCCGCGCTGACCTTTGCCGATGTCTGATCCGAGAAAAATCGTGACCCTGGACA
 GTCTAGAAGACACCAAATTATGCCGCTGCTTATCCACCATGGACCTCATTGCCCTGGGCGTTGGAAGCAC
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 TCCTTCCTCATTGCTGCCCTGGCTTCAGTGATGGCTGGCTCTGCTATGCCGAATTTGGGGCCGTGTTT
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 CGTTGCCATCGTTCTCACCATCTGGAGGCAGCCCCAGAATCAGCAAAAAGTAGCCTTCATGGTTCCATT
 TTACCATTTTTGCCAGCGTTCAGCATCTTGGTGAACATTTACTTGATGGTCCAGTTAAGTGCAGACACTT
 GGGTCAGATTCAGCATTTGGATGGCAATTGGCTTCCTGATTTACTTTTCTTATGGCATTAGACACAGCCT
 GGAGGGTCATCTGAGAGATGAAAACAATGAAGAAGATGCTTATCCAGACAACGTTTCATGCAGCAGCAGAA
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC210214 representing NM_001008539 Red=Cloning site Green=Tags(s) MIPCRAALTFARCLIRRKIVTLDSEDTKLCRCLSTMDLIALGVGSTLGAGVYVLAGEVAKADSGPSIVV SFLIAALASVMAGLCYAEFGARVPKTSAYLYTYVTVGELWAFITGWNILSYVIGTSSVARAWSGTFDE LLSKQIGQFLRTYFRMNYTGLAEYPDFFAVCLILLLAGLLSFGVKESAWVNKVFTAVNILLVLFVMVAGF VKGNVANWKISEEFLKNISASAREPPSENGTSIYGAGGFMPYGFGTLAGAATCFYAFVGFDCIATTGEE VRNPQKAIPIGIVTSLLVCFMAYFGVSAALTLMPYYLLDEKSPLPVAFEYVVGWGPACYVVAAGSLCALS TSLLGSIFFMPRIYAMAEDGLLFKCLAQINSKTKTPIIATLSSGAVAALMAFLFDLKALVDMMSIGTLM AYSVAACVLILRYQPGLSYDQPKCSPEKDGLGSSPRVTSKSESQVTMLQRQGFMSRTLFCPSLLPTQQS ASLVSLVGLAFLVLGLSVLTTYGVHAITRLEAWSLALLALFLVLFVAIVLTIWRQPQNQQKVAFMVPP LPFLPAFSILVNIYLMVQLSADTWVRFISIWMAIGFLIYFSYGIHRSLEGHLRDENNEEDAYPDNVHAAAE EKSAIQANDHHPNLSPPFIFHEKTSEF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001008539
ORF Size:	1974 bp
Buffer:	PBS with 0.001% Pluronic F6555
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_001008539.1</u>
RefSeq Size:	7389 bp
RefSeq ORF:	1977 bp
Locus ID:	6542
UniProt ID:	<u>P52569</u>
Cytogenetics:	8p22
MW:	71.5 kDa