

Product datasheet for **RC205444A1V**

Human SLC25A42 (NM_178526) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC25A42 (NM_178526) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC25A42
Synonyms:	MECREN
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC205444 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGTAAATGGTGTGAAGGAAGGCCCGGTGCGATTGCATGAGGATGCTGAGGCTGTCTGTCTCGTCCG
TCTCATCAAAGCGTGACCACAGGCAAGTGTCTCAGCTCCCTGCTGCCTGGGGCCCTGGCTGGTGCCTTGC
CAAAACAGCGGTAGCTCCCTGGACCGAACCAAAATCATCTTCCAAGTGTCTTCAAAAAGATTTTCTGCC
AAGGAGGCCTTCCGGTCTCTACTACACCTACCTCAACGAGGGATTTCTCAGCTTGTGGCGCGGGAAC
CGGCCACCATGGTGCCTGGTGGCCCTACGCCGCATCCAGTTCAGCGCACACGAGGAGTACAAGCGCAT
CCTGGGCAGCTACTATGGCTTCCGTGGAGAAGCCCTGCCCTTGGCCTCGCCTCTTCGCCGGCGCACTG
GCTGGAACGACAGCCGCTTCACTGACCTACCCCTGGACCTGGTCAAGAGCGCGGATGGCCGTAACCCCGA
AGGAAATGTACAGCAACATCTTTCATGTCTTATCCGCATCTCGAGAGAAGAGGGGCTGAAGACTCTCTA
CCATGGATTTATGCCACCGTGTGGGGTCAATCCCTACGCTGGCCTGAGCTTCTTACCTATGAGACG
CTCAAGAGCTTGACAGAGAGTACAGCGCCGCCGCGCAGCCCTACCCCTTCGAGCGCATGATCTTCGGCG
CCTGCGCTGGCCTCATCGGGCAGTCGGCCTCGTACCCGCTGGATGTGGTGGCGGGCGCATGCAGACGGC
CGGCGTCACGGGCTACCCGCGCGCTCCATCGCCGCGACGCTGCGCACCATCGTGGGGAGGAGGGCGCC
GTGCGCGGCTCTACAAAGGCTTGAGCATGAAGTGGTCAAGGGTCCCATCGCCGTGGGCATCAGCTTCA
CCACCTTCGACCTCATGCAGATCATGTCGGGCACCTGCAGAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC205444 protein sequence Red=Cloning site Green=Tags(s) MGNGVKEGPVRLHEDAEAVLSSSVSSKRDHRQVLSSLLPGALAGALAKTAVAPLDRTKIIFQVSSKRFS KEAFRVLYYTYLNEGFLSLWRGNSATMVRVVPYAAIQFSAHEEYKRILGSYYGFRGEALPPWPRLFAGAL AGTTAASLTYPDLVRARMAVTPKEMYSNIFHVFIRISREEGLKTLYHGFMPTVLGVIPYAGLSFFTYET LKSLHREYSGRRQYPFERMIFGACAGLIGQSASYPLDVVRRRMQTAGVTGYPRASIARTLRTIVREEGA VRGLYKGLSMNWVGPIAVGISFTTFDLMQIMLRHLQS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_178526
ORF Size:	954 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:	NM_178526.1
RefSeq Size:	3279 bp
RefSeq ORF:	957 bp
Locus ID:	284439
UniProt ID:	Q86VD7
Cytogenetics:	19p13.11
MW:	35.4 kDa