

Product datasheet for **RC214087A1V**

Human SLC10A3 (NM_019848) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC10A3 (NM_019848) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC10A3
Synonyms:	DXS253E; P3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC214087 representing NM_019848
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGTTAATGCAGGACAAGGGCAGCTCTCAGCAGTGGCCTGGTCTGGGGGGCAGGGTGGTGGCACAG
 GTCCCTTAAGCATGCTCAGAGCTGCCCTGCTGCTCATCAGCCTGCCATGGGGGGCCCAAGGGACAGCCAG
 CACCAGCCTCAGCACTGCTGGGGGTACACCGTGCCACCGACTGGGGGCCGCTACTTGAGCATTGGAGAT
 GGCTCTGTGATGGAGTTTGAGTTTCTGAGGACAGTGAAGGACATCATCGTATCTCCAGCCAGTACCCAG
 GCCAGGCCAACAGGACGGCGCTGGCCCATGCTCAGGGTACCTCCCTGGACACAGAGGTGCTGACCAT
 CAAGAAGCTGAGTGCTATAACCTGGGGAGGCGGGGTGGCTTTGTGGTGAAGTCCACTCAGGCCTGGCT
 GGGCTGGCCCCACTCCACATCCAGCTCGTGAGCGCCATGAGGCCCCGCCACACTGATTGAGGAGCGGA
 GAGACTTCTGCATCAAGGTCTACCTGCTGAAGACACGCTGCCACCCTCAGCGCCGACCTGGCCCACTT
 CTCGAAAACCAATCCTCTACCTGCTCCTGCCTTTATCTTTGTCAACAAGTGTTCGTTTGGGTGCAAA
 GTGGAACTCGAGGTTCTGAAGGGGCTCATGCAGAGCCCCAGCCCATGCTGCTGGGCCTCCTGGGCCAGT
 TTCTGGTCATGCCCTTGACGCTTTCCTCATGGCCAAGTCTTCATGCTGCCCAAGGCCCTGGCTCTGGG
 CCTCATCATCACTGCTCGTCGCTGGCGGCGGGGGAGCTACCTCTTCAGCCTCCTTCTGGAGGGGAC
 GTCACCTGGCCATCTCCATGACTTTCCTCTCTACGGTGGCTGCCACTGGCTTCTTGCCTCTGTCTTCGG
 CCATCTACAGCGCCTGCTCAGCATCCATGAGACGCTCCACGTGCCATCTCCAAGATCCTGGGGACCCT
 GCTGTTTATTGCCATCCCCATAGCGTGGCGTGCTGATCAAGTCCAAGTCCCCAAGTTCTCCAGCTG
 CTGCTGCAAGTCGTCAAGCCCTCAGCTTTGTGCTCCTCCTGGCGGCCCTTCTTGGCCTATCGCATGG
 GGGTCTTCATCCTGGCAGGCATCCGGTACCCATCGTACTGGTGGGTATCACGGTGCCCTGTTGGCCT
 GTTGGTGGGCTACTGCCTAGCCACGTGTCTGAAGCTGCCAGTGGCCAGCGGCGGACGGTCAGCATTGAG
 GTAGGGGTGCAGAACAGCCTGCTGGCCTTGCCATGCTGCAGTATCCCTCCGCCGCTTCAAGTGAAGT
 ATGCTCCAGGCCCTTCAATTGTGGCGCTGAGCGGCACCTCCGAGATGCTGGCCTTGGTCATTGGCCA
 TTTCATCTACAGCAGCTGTTCCAGTTCCC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC214087 representing NM_019848
 Red=Cloning site Green=Tags(s)

MVLMQDKGSSQWPGLGGEGGTGPLSMLRAALLISLPWGAQGTASTSLSTAGGHTVPPTGGRYLSIGD
 GSVMEFEFPEDSEGIIVISSQYPQANRTAPGPMLRVTSLDTEVLTIKNVSAITWGGGGFVVSIIHSLA
 GLAPLHIQLVDAHEAPPTLIEERRDFCIKVSPAEDTPATLSADLAHFSENPILYLLLPLIFVNKCSFGCK
 VELEVLKGLMQSPQPMMLGLLGQFLVMPLYAFLMAKVFMLPKALALGLIITCSSPGGGGSYLFSLLLGGD
 VTLAISMTFLSTVAATGFLPLSSAIYSRLLSIHETLHVPIISKILGTLFIAIPIAVGVLIKSLPKFSQL
 LLQVVKPFSFVLLLGGLFLAYRMGVFILAGIRLPVIVGTVPLVGLLVGYCLATCLKLPVAQRRTVSIE
 VGVQNSLLALAMLQLSLRRLQADYASQAPFIVALSGTSEMLALVIGHFIYSSLPFVP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_019848

ORF Size:

1431 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_019848.2</u>
RefSeq Size:	2123 bp
RefSeq ORF:	1434 bp
Locus ID:	8273
UniProt ID:	<u>P09131</u>
Cytogenetics:	Xq28
MW:	50.2 kDa