

Product datasheet for **RC209828A1V**

Human SLC6A8 (NM_005629) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC6A8 (NM_005629) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC6A8
Synonyms:	CCDS1; CRT; CRTR; CT1; CTR5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209828 representing NM_005629
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCGAAGAAGAGCGCCGAGAACGGCATCTATAGCGTGTCCGGCGACGAGAAGAAGGGCCCCCTCATCG
 CGCCCCGGGCCCGACGGGGCCCCGGCAAGGGCGACGGCCCCGTGGGCCTGGGGACACCCGGCGGCCCT
 GGCCGTGCCGCGCGAGACCTGGACGCGCCAGATGGACTTCATCATGTCGTGCGTGGGCTTCGCCGTG
 GGCTTGGGCAACGTGTGGCGCTTCCCCTACCTGTGCTACAAGAACGGCGAGGTGTGTTCTTATCCCT
 ACGTCTGATCGCCCTGGTTGGAGGAATCCCCATTTCTTCTTAGAGATCTCGCTGGGCCAGTTCATGAA
 GGCCGGCAGCATCAATGTCTGGAACATCTGTCCCTGTTCAAAGGCCTGGGCTACGCCTCCATGGTGATC
 GTCTTCTACTGCAACACCTACTACATCATGGTGTGCTGGCCTGGGCTTCTATTACCTGGTCAAGTCTTTA
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 TCTCAAGGTGGCAGAGTCAGGGCCGGCCTGGCCTTCATCGCCTACCCGCGGGCTGTCACGCTGATGCC
 AGTGGCCCCACTCTGGGCTGCCCTGTTCTTCTCATGCTGTTGCTGCTTGGTCTCGACAGCCAGTTTGTA
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 TGGTGGTGGTGGCCTGGGTGTACGGAGCTGACCGCTTCATGGACGACATTGCCTGTATGATCGGGTACC
 GACCTTGCCCTGGATGAAATGGTGCTGGTCTTCTTACCCCGCTGGTCTGCATGGGCATCTTCATCTT
 CAACGTTGTGTACTACGAGCCGCTGGTCTACAACAACCTACGTGTACCCGTGGTGGGGTGAGGCCATG
 GGCTGGGCCTTCGCCCTGTCTCCATGTGTGCGTGGCGCTGCACCTCCTGGGCTGCCTCCTCAGGGCCA
 AGGGCACCATGGCTGAGCGCTGGCAGCACCTGACCCAGCCCATCTGGGGCCTCCACCATTGGAGTACCG
 AGCTCAGGACGAGATGTCAGGGGCCTGACCACCTGACCCAGTGTCCGAGAGCAGCAAGGTGCTCGTG
 GTGGAGAGTGTGATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC209828 representing NM_005629 Red=Cloning site Green=Tags(s) MAKXSAENGIYSVSGDEKKGPLIAPGPDGAPAKGDGPVGLGTPGGRLAVPPRETWTRQMDFIMSCVGFAGLGNVWRFPYLCYKNGGGVFLIPYVLIALVGGIPIFFLEISLGQFMKAGSINVWNICPLFKGLGYASMVI VFYCNYYIMVLAWGFYYLVKSFTTTLPWATCGHTWNTPDCEIFRHEDCANASLANLTCDQLADRRSPV IEFWENKVLRLSGGLEVPALNWEVTLCLLACWVLVYFCVWKGVKSTGKIVYFTATFPYVVLVLLVRGV LLPGALDGIYYLKPDSKLGSPQVWIDAGTQIFFSYAIGLGALTALGSYNRFNNNCYKDAIILALINSG TSFFAGFVVSILGFMAAEQGVHISKVAESGPGLAFIAYPRAVTLMPVAPLWAALFFFMLLLLGLDSQFV GVEGFITGLDLLPASYYFRFQREISVALCCALCFVIDLSMVTGGMYVFQLFDYYSASGTTLLWQAFWE CVVVAWVYGADRFMDIACMIGYRCPWMKWCWSFFTPLVCMGIFIFNVVYVEPLVYNNTYVYPWWGEAM GWAFALSSMLCVPLHLLGCLLRAKGTMAERWQHLTQPIWGLHHLEYRAQDADVRGLTTLTPVSESSKVVV VESVM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005629
ORF Size:	1905 bp
Buffer:	PBS with 0.001% Pluronic F6513
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_005629.1
RefSeq Size:	3917 bp
RefSeq ORF:	1908 bp
Locus ID:	6535
UniProt ID:	P48029
Cytogenetics:	Xq28
MW:	70.3 kDa