

Product datasheet for **RC210809A1V**

Human SLC6A14 (NM_007231) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC6A14 (NM_007231) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC6A14
Synonyms:	BMIQ11
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC210809 representing NM_007231
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGACAAGTTGAAATGCCCGAGTTTCTCAAGTGCAGGGAGAAGGAGAAAGTGTGGCTTCATCAGAGA
 ATTTCCATGTTGGTGAAAATGATGAGAATCAGGACCGTGGTAACGGTCCAAAAAATCGGATTATCTTCT
 ATCTATGATTGGATACGCAGTGGGATTAGGAAATGTGTGGAGATTCCATATCTGACCTACAGCAATGGT
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 GTTCACTGGGACAATTTGCTAGCTTAGGTCCAGTTTCAGTTTGGAGGATTCTTCCATTGTTTCAAGGTGT
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 TTGGAGCAAAGAGGTGGATATTCTGGCTATGGTGGAGAGCTTGCTGGTTTGAATTACGCCTATCCTTTT
 GATTGCAATATTTATCTGGTCATTGGTGCAATTTATAGACCTAATTATGGCGCAATTCATACCTGAC
 TGGGGAGTTGCTTTAGGCTGGTGTATGATTGTTTCTGCATTATTTGGATTCCAATTATGGCTATCATAA
 AAATAATTCAGGCTAAAGGAAACATCTTCAACGCCTTATAAGTTGCTGCAGACCAGCTTCTAACTGGGG
 TCCATACCTGGAAACAACATCGTGGGGAAAGATATAAAGACATGGTAGATCCTAAAAAAGAGGCTGACCAT
 GAAATACCTACTGTAGTGGCAGCAGAAAACCGGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC210809 representing NM_007231 Red=Cloning site Green=Tags(s) MDKLKCPSEFFKCREKEKVSASSENHVGENDENQDRGNWSKSDYLLSMIGYAVGLGNVWRFPYLTYSNG GGAFILIPYAIMLALAGLPLFFLECSLGQFASLGPVSVWRILPLFQGVGITMVLISIFVTIYYNVIIAYSL YYMFASFQSELPWKNCSWSDKNCSPIVTHCNVSTVNKGIQEIIQMKNKSWVDINNFTCINGSEIYQPG QLPSEQYWNKVALQRSSGMNETGVIVWYALCLLLAWLIVGAALFKGIKSSGKVYFTALFPYVVLLILL VRGATLEGASKGISYYIGAQSNTKLKEAEVWKDAATQIFYSLVAVWGLVALSSYNKFKNNCFSDAIVV CLTNCLTSVFAGFAIFSILGHMAHISGKEVSQVVKSGFDLAFIAYPEALQLPGGPFWSILFFFMLLTLG LDSQFASIIETITTTIQDLFPKVMKMRVPITLGCCLVFLGLVCVTQAGIYWVHLIDHFCAGWGILIAA ILELVGIIWIYGGNRFIEDTEMMIGAKRWIFWLWWRACWFVITPILLIAIFIWSLVQFHRPNYGAIPYPD WGVALGWCMIIVFCIIWIPIMAIKIIQAKGNIFQRLISCCRPASNWGPYLEQHRGERYKDMVDPKKEADH EIPTVSGSRKPE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_007231
ORF Size:	1926 bp
Buffer:	PBS with 0.001% Pluronic F6617
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_007231.1</u>
RefSeq Size:	4520 bp
RefSeq ORF:	1929 bp
Locus ID:	11254
UniProt ID:	<u>Q9UN76</u>
Cytogenetics:	Xq23
MW:	72 kDa