

Product datasheet for **RC216281A1V**

Human SLC6A16 (NM_014037) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC6A16 (NM_014037) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC6A16
Synonyms:	NT5; NTT5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216281 representing NM_014037
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGACAGAGGCCAGCCTTCGACATCCTTGCTGGCAAACACCTCATGGACTGGCACAGTGATTCTG
 ACAGTGTCCCAGGAAGTCAAACGTGGGAAGACAAGGGTTCATTGACCCGGTCTGCAACATCTTGACCTC
 AGAGGCCCAAGTTTCAGCAGCCCGGGTTGCAGAGGCTCAGGCCAGGACCAGTCAGCCCAAGCAAATTTCT
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 CCTTTCTCGTGTCTGTGATAAACCTGCTCACTTTGTTGGTTTTACATCTTTCAACTTCTGTGTCTGGG
 GTTCTGGGCGACAGTCATCACACATCGCTGCTGTGAGAGGAATGCTGAAATACTTTTAAAGCTGATAAAC
 CTAGGGAACTGCCTCCTGATGCCAAGCCCCGTCAACCTGCTTTACAACCCAACCTCCATCTACAATG
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 GCTCATAGTGGGAGTCTTTTGTCTCATGTTCTGTGCGGCCTCTTCTTCACTCGACCTTCAGGCAGCTAC
 TTCATCAGACTGCTGAGTGAAGTCTTCCCATCATCGTCGTTGTCGTATTTGAAACCATGG
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 TCCCATCTTTGGTTGGTGTGGCCCCATCTGTGTCCAGTTGTGCTGCTAATCATCTTTGTGACCATGATG
 GTTCATCTTTGTATGAAGCCGATCACCTACATGTCCTGGGACTCAAGCACCTCAAAGAGGTGCTTCGAC
 CATACCCACCGTGGGCACTGCTCTTGATGATCACCTTTTGGCATTGTCATCTCCCCATCCCTGCATA
 CTTTGTATACTGCCGCATACATAGGATTCCTTCAGGCCCAAGAGCGGAGACGGGCTATGACAGCCTCC
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 ATGAAACAAAGTACCCATCAACTTGAATGTGACTTCC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC216281 representing NM_014037 Red=Cloning site Green=Tags(s) MKTEAQPSTSLANTSWTGTVISDSVPGSQTWEDKGSLTRSATSWTSEAQVSAARVAEAQARTSQPKQIS VLEALTASALNQKPTHEKVQMTKEKSEVLLARPFWSSKTEYILAQVGFSMKPSCLWRFAYLWLNSSGGCS FAAIYIFMLFLVGVPLLFLEMAAGQSMRQGGMGVWKIIAPWIGGVGYSSFMVCFILGLYFNVVNSWIIFY MSQSFQFPVPWEKCPLTMNSSGFDPECERTTPSIYFWYQQALKASDRIEDGGSPVYSLVLPFFLCWCLVG AFMINGLKSTGKVIYVLVLLPCFIIIVGFFIRTLLEGAQFGLQQLVAKISDVYNMSVWSLAGGQVLSNT GIGLGSVASLASYPQSNCLSDAFLVSVINLLTLLVFTSFNFCVLGFWATVITHRCCERNAEILLKLIN LGKLPDAKPPVNLNPTSINAWLSGLPQHIKSMVLREVTECNIETQFLKASEGPKFAFLSFVEAMSF LPPSVFWSFIFFLMLLAMGLSSAIGIMQGIITPLQDTFSFRKHTKLLIVGVFLLMFVCGLFFTRPSGSY FIRLLSDYWIVFPIIVVVVFETMAVSWAYGARRFLADLTILLGHPISPIFGWLWPHLCPVLLIIFVTMM VHLCMKPITYMSWDSSTSKEVLRPYPPWALLMITLFAIVILPIPAYFVYCRIHRIPFRPKSGDGPMTAS TSLPLSHQLTPSKEVQKEEILQVDETKYPSTCNVTS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_014037
ORF Size:	2208 bp
Buffer:	PBS with 0.001% Pluronic F7520
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_014037.2
RefSeq Size:	2945 bp
RefSeq ORF:	2211 bp
Locus ID:	28968
UniProt ID:	Q9GZN6
Cytogenetics:	19q13.33
MW:	82 kDa