

Product datasheet for **RC204533A1V**

Human SLC30A9 (NM_006345) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC30A9 (NM_006345) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC30A9
Synonyms:	BILAPES; C4orf1; GAC63; HUEL; ZNT9
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204533 representing NM_006345
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGTTACCCGGCTTGGCCGCGCCGCGGCCACAGATGTAGCTGGTCCCTCCCTGTGCCGGCTCCGCTCTGC
 GATGCAGGGCGCGCGCCTGTAATCCCAGCGACCGCCAGGAGTGGCAGAATTTAGTGACATTTGGAAGCTT
 TTCAAACATGGTTCCTGTAGTCATCCATATATTGGTACCCTGAGTCAAGTAAAGTTGTACTCCACAAAT
 GTTCAGAAAGAAGGACAGGGATCACAACACTCAGAGTGGAAAAAGTACCATCATTTGAAACAGCAGAAG
 GTATAGGCACAGAACTCAAAGCTCCACTTAAGCAAGAACCTCTCCAAGTAAAGTTAAAGCAGTCCTTAA
 GAAAAGGGAGTATGGCTCAAAGTAACTCAGAATAATTTCACTACTGGAGTCAGAGCGATAAATGAGTTC
 TGCCTCAAATCCAGTGATCTAGAACAATTCGAAAAATCAGACGACGAAGTCCCATGAAGATACTGAGT
 CTTTTACTGTATACTTGAGATCAGATGTGAAGCAAAATCTTTGGAAGTTGGGAAGCCCTGAAGCTCT
 TGCCAGAGAGAAAAAATTGCGTAAGGAAGCAGAAATAGAATACAGAGAAAGGCTATTTAGAAACCAAAAA
 ATATTAAGAGAATACAGAGATTTCTTGGGAAATACCAAGCCACGCTCCAGAACAGCATCAGTGTTTTTTA
 AGGGACCAGGAAAAGTGGTGATGGTTGCAATTTGCATCAATGGATTAACTGCTTCTTTAAATTTCTTGC
 CTGGATTTATACCGGTTCAAGAGTATGTTCTCAGAAGCTATACACTCATTATCTGATACTTGTAAATCAG
 GGTTTACTAGCATTGGGCATCAGTAAGTCTGTTCAAACACCAGATCCTTCTCATCCGTACGGATTTTCAA
 ATATGCGCTATATTTCTCGCTAATTAGTGGTGTGGTATTTTCATGATGGGTGCAGGACTATCTTGGTA
 CCATGGAGTCATGGGATTGCTTCATCCTCAACCAATAGAATCCCTTCTATGGGCATATTGTATTTAGCA
 GGATCATTAGTATCTGAAGGAGCAACTTCTTGTGCTGTAATGAACCTCGTAGGAATGCTCGGGCTA
 AAGGAATGTCAATTTACAAGTATGTAATGGAAAGTCGTATCCTAGTACAAATGTGATATTATTGGAGGA
 TACTGCTGCAGTCTTGGGAGTTATAATAGCAGCCACTTGCATGGGCCTTACTTCTATAACAGGCAATCCA
 CTGTATGACAGCCTAGGTTCTTTGGGTGTGGGCACCTTATTAGGCATGGTCTCAGCATTCTCATCTACA
 CTAACACAGAAGCACTCTTAGGGCGGTCCATCCAGCCAGAACAAGTACAACGGCTCACTGAACTCCTGGA
 GAATGACCCATCAGTAAGGGCAATTATGATGTTAAAGCCACAGATCTGGGATTAGGTAAAGTAAGATTT
 AAGGCAGAAGTAGATTTTATGGGCGAGTTGTTACAAGATCATATTTGGAAAAACAAGATTTTGACCAA
 TGTTACAAGAAATCAAGAAGTAAAACTCCTGAAGAACTAGAGACCTTTATGCTTAAACATGGAGAAAA
 TATTATTGATACTTTAGGAGCTGAAGTAGATAGACTTGAGAAGGAACTGAAAAACGAAATCCTGAAGTT
 CGACATGTAGATTTGGAGATACTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MLPGLAAAAHRCSSSLCRLRLRCRAAACNPDRQEWQNLVTFGSFSNMVPCSHPIYIGTLSQVKLYSTN
 VQKEGQGSQTLRVEKVPSFETAEGIGTELKAPLKQEPLQVRVKAVLKKREYGSKYTQNNFITGVRINEF
 CLKSSDLEQLRKIRRRSPHEDTESFTVYLRSDVEAKSLEVWGSPEALAREKKLRKEAIEYRERLFRNQK
 ILREYRDFLGNTKPRSRTASVFFKGPVKVVMVAICINGLNCFFKFLAWIYTGASMFSEAIHSLSDTCNQ
 GLLALGISKSVQTPDPSPHYGFSNMRYISSLSGVGIFMMGAGLSWYHGMGLLHPQPIESLLWAYCILA
 GSLVSEGATLLVAVNELRRNARAKGMSFYKYVMESRDPSTNVILLEDTAAVLGVIIAATCMGLTSITGNP
 LYDSLGS�GVGTLGMSAFLIYNTTEALLGRSIQPEQVQRLTELENDPSVRAIHVDKATDLGLGKVRF
 KAEVDFDGRVTRSYLEKQDFDQMLQEIQEVKTPEELETFLMKHGENIIDTLGAEVDRLEKELKKRNPEV
 RHYDLEIL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_006345
ORF Size:	1704 bp
Buffer:	PBS with 0.001% Pluronic F5586
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_006345.3</u>
RefSeq Size:	3272 bp
RefSeq ORF:	1707 bp
Locus ID:	10463
UniProt ID:	<u>Q6PML9</u>
Cytogenetics:	4p13
MW:	63.3 kDa