

Human SLC45A2 (NM_001012509) AAV Particle

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	SLC45A2
Synonyms:	1A1; AIM1; MATP; OCA4; SHEP5
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGTAGCAACAGTGGGCAGGCTGGCCGCCACATCTATAAATCCCTAGCTGATGATGGCCCCTTTGACT
CTGTGGAGCCGCCATAAAGACCCACCAGCAGACTCATCATGCACAGCATGGCCATGTTCGGAAGAGAGTT
CTGCTACGCGGTGGAGGCAGCGTATGTGACCCAGTCCTGCTCAGCGTAGGTCGCCCAGCAGCCTGTAC
AGCATTGTGTGGTTCTCAGCCCCATCCTGGGATTCTGTCTGCAGCCCGTGGTTCGGATCGGCCAGCGACC
ACTGCCGCTCAGGTGGGGCCGCCGGAGACCTACATCCTCACCTGGGAGTCATGATGCTCTGTGGGCAT
GGCTCTGTACCTCAATGGGGCTACTGTTGTAGCAGCTTTGATTGCTAACCCAAGGAGGAAGCTGGTTTGG
GCCATAAGTGTCACCATGATAGGTGTCTGTTCTCTTTGATTTTGTCTGCCAGCTTCATTGATGGGCCCCATCA
AAGCCTCATTTATTTGATGTCTGCTCCCATCAGGACAAGGAGGCGCTCCACTACCATGCCCTCTTCCAC
AGGTTTTGGAGGTGCCCTGGGTTACCTTTTGGGTGCTATAGACTGGGCCCATCTGGAAGTGGGAAGACTG
TTGGGTACAGAAATCCAGGTCATGTTCTCTTCTCTGCAATTGGTGCTCACTTTGTGTTTTACTGTTTCATC
TGTGCAGTATCTCTGAAGCCCCACTTACAGAGGTTGCAAAGGGCATTCCCCACAGCAAACCCCTCAGGA
CCCTCCATTGTTCATCAGATGGAATGTACGAGTATGGTTCTATCGAGAAAGTTAAAAATGGTTACGTAAT
CCAGAGCTGGCAATGCAGGGAGCAAAAAACAAAATCATGCTGAACAGACTCGCAGGGCAATGACATTAA
AGTCACTGCTGAGAGCACTGGTGAACATGCCTCCTCACTACCGCTACCTTTGCATCAGCCACCTCATTGG
ATGGACGGCCTTCCTGTCCAACATGCTGTTCTTACAGATTTTCATGGGCCAGATTGTGTACCGCGGGGAT
CCCTATAGTGCACAACTCCACAGAGTTTCTCATCTACGAAAGAGGAGTCGAGGTTGGATGTTGGGGCT
TCTGCATCAACTCCGTGTTTTCTCACTTTATTCTTACTTTCAGAAAGTTTTGGTATCCTACATTGGATT
AAAGGGTCTTTACTTCACGGGATATTGCTGTTTGGCCTGGGACGGGATTTATTGGGCTCTTCCCGAAT
GTCTACTCCACCTGGTCTGTGCAGCTGTTTGGTGTAATGTCCAGACCCGTACACTGTGCCCTTTA
ACCTCATTTACTGAGTACCACCGGAGGAAGAAAGAGGAGGTGTGCTGTCAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC209397 protein sequence Red=Cloning site Green=Tags(s) MGSNSGQAGRHIYKSLADGPFDSVEPPKRPTSRIMHSMAMFGREFCYAVEAAYVTPVLLSVGLPSSLY SIVWFLSPILGFLLPVVGASDHCRSRWGRRRPYILTLGVMLVGMALYLNATVVAALIANPRRKLW AISVTMIGVVLFDFAADFIDGPIKAYLFDVCSHQDKEKGLHYHALFTGFGGALGYLLGAIDWAHLELGR LGTEFQVMFFFSALVLTLCFTVHLCSISEAPL TEVAKGIPPQQTQDPPLSSDGMVEYGSIEKVKNQYVN PELAMQGAKNKNHAEQTRRAMTLKSLRLALVNMPPHYRYLCISHLIGWTAFLSNMLFFTDFMGQIVYRGD PYSAHNSTEFLIYERGVEVGCWGCINSVFSSLYSYFQKVLVSYIGLKGLYFTGYLLFGLGTGFIGLFPN VYSTLVLCSLFGVMSSTLYTPFNLITEYHREEEKEVCCH TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001012509
ORF Size:	1380 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:	NM_001012509.1
RefSeq Size:	2769 bp
RefSeq ORF:	1383 bp
Locus ID:	51151
UniProt ID:	Q9UMX9
Cytogenetics:	5p13.2
MW:	51.2 kDa