

Product datasheet for **RC209557A1V**

Human SLC27A4 (NM_005094) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC27A4 (NM_005094) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC27A4
Synonyms:	ACSVL4; FATP4; IPS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC209557 representing NM_005094
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTGCTGGAGCCTCTCTGGTGGGGGTGCTGCTGTTCTCCAAGCTGGTGTGAACTGCCCTGGACCC
AGGTGGGATTCTCCCTGTTGTTCTCTACTTGGGATCTGGCGGCTGGCGCTTCATCCGGGTCTTCATCAA
GACCATCAGGCGCGATATCTTTGGCGGCTGGTCTCCTGAAGGTGAAGGCAAAGGTGCGACAGTGCCTG
CAGGAGCGGCGGACAGTCCCCATTTTGTTCCTCTACCGTTCGGCGCCACCCGACAAGACGGCCCTGA
TCTTCGAGGGCACAGATACCACTGGACCTTCCGCCAGCTGGATGAGTACTCAAGCAGTGTAGCCAACTT
CCTGCAGGCGCGGGCCTGGCCTCGGGCGATGTGGTGCCTCTTCATGGAGAACCGCAATGAGTTCGTG
GGCCTATGGTGGGCATGGCCAAGCTCGGTGTGGAGGCAGCCCTCATCAACACCAACCTGCGGCGGGATG
CTCTGCTCCACTGCCTCACCACCTCGCGCGACGGGCCCTTGTCTTTGGCAGCGAAATGGCCTCAGCCAT
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AACCAGCACCAGGTTTCGATGGCACTAGGCAATGGCCTCCGGCAGTCCATCTGGACCAACTTTTCCAGCC
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CGCCAACAACAAGAAGATTGCCAAGGATGTCTTCAAGAAGGGGGACCAGGCCTACCTTACTGGTGTGTG
CTGGTGTGACGAGCTGGGCTACCTGTACTTCCGAGACCGCACTGGGGACACGTTCCGCTGAAAGGTG
AGAACGTGTCCACCACCGAGGTGGAAGGCACACTCAGCCGCTGCTGGACATGGCTGACGTGGCCGTGTA
TGCTGTGAGGTGCCAGGAACCGAGGGCCGGCCGGAATGGCTGCTGTGGCCAGCCCCACTGGCAACTGT
GACCTGGAGCGCTTTGCTCAGGTCTTGAGAAGGAACTGCCCCGTATGCGCGCCCCATCTTCTGCGCC
TCCTGCCTGAGCTGCACAAAACAGGAACCTACAAGTTCAGAAAGACAGAGCTACGGAAGGAGGGCTTTGA
CCCGGCTATTGTGAAAGACCCGCTGTTCTATCTAGATGCCAGAGGGCCGCTACGTCCCGCTGGACCAA
GAGGCCTACAGCCGCATCCAGGCAGGCGAGGAGAAGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC209557 representing NM_005094 Red=Cloning site Green=Tags(s) MLLGASLVGVLLFSKLVKLKPWTQVGFSLFLYLGGSGWRFIRVFIKTIRRDIFGGLVLLKVKAKVRQCL QERRTPILFASTVRRHPDKTALIFEGTDTHWTFRQLDEYSSSVANFLQARGLASGDVAIFMENRNEFV GLWLGMAKLGVEAALINTNLRRDALLHCLTTSRARALVFGSEMASAICEVHASLDPSLSLFCSGSWEPGA VPPSTEHLDPLLKDAPKHLPCPDKGFTDKLFYIYTS GTTGLPKAAIVVHSRYRMAALVYYGFRMRPND IVYDCLPLYHSAGNIVGIGQCLLHGMTVVIRKKFSASRFWDYCIKYNCTIVQYIGELCRYLLNQPPREAE NQHQVRMALGNLRQSIWTNFSRHFIPQVAEFYGATECNC SLGNFDSQVGACGFNSRILSFVYPIRLVR VNEDTMELIRGPDGVCIPCQPGEPGQLVGRIIQKDPLRRFDGYLNQGANNNKIAKDVFKKGDQAYLTGDV LVMDLGYLYFRDRTGDTFRWKGENVSTTEVEGTL SRLLDMAADVYGVVEVPGTEGRAGMAAVASPTGNC DLERFAQVLEKELPLYARPIFLRLLPELHKTGT YKFQKTEL RKEGFDPAIVKDPLFYLDAQKG RYVPLDQ EAYSRIQAGEEKL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005094
ORF Size:	1929 bp
Buffer:	PBS with 0.001% Pluronic F6459
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_005094.2
RefSeq Size:	2991 bp
RefSeq ORF:	1932 bp
Locus ID:	10999
UniProt ID:	Q6P1M0
Cytogenetics:	9q34.11
MW:	71.9 kDa