

Product datasheet for **RC209384A1V**

Human MCT7 (SLC16A6) (NM_004694) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	MCT7
Synonyms:	MCT6; MCT7
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC209384 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCCAAAATAAATTAAGCTTTGTTCCAAAGCCAATGTGTATACTGAAGTGCCTGATGGAGGATGGG
 GCTGGGCGGTAGCTGTTTCATTTTCTTCGTTGAAGTCTTCACCTACGGCATCATCAAGACATTTGGTGT
 CTTCTTTAATGACTTAATGGACAGTTTAAATGAATCCAATAGCAGGATCTCATGGATAATCTCAATCTGT
 GTGTTTGTCTTAACATTTTCAGCTCCCTCGCCACAGTCTGAGCAATCGTTTCGGACACCGTCTGGTAG
 TGATGTTGGGGGGCTACTTGTGACACCGGGATGGTGGCCGCTCCTTCTACAAGAGGTTTCTCATAT
 GTACGTCGCCATCGGCATCATCTCTGGTCTGGGATACTGCTTTAGTTTTCTCCCACTGTAACCATCCTA
 TCACAATATTTTGGCAAAAGACGTTCCATAGTCACTGCAAGTTGCTTCCACAGGAGAATGTTTCGCTGTGT
 TTGCTTTCGACACGCAATCATGGCTCTGAAGGAGCGCATTGGCTGGAGATACAGCCTCCTCTCGTGGG
 CCTACTACAGTTAAACATTGTCTCTCGGAGCACTGCTCAGACCATCTTTATCAGAGGACCAGCGTCA
 CCGAAATAGTCATCCAGGAAATCGGAAAGAAGCGCAGTATATGCTTGAATAAGAGAAACACGAACCT
 CAATAGACTCCATTGACTCAGGAGTAGAACTAACTACCTCACCTAAAAATGTGCCTACTCACACTAACCT
 GGAAGTGGAGCCGAAGGCCGACATGACAGCAGGTCTGGTGAAGACAGCCCCAGGCCAAGCGAAAGAAA
 GCCCGCTATTAGACTTCTCCATTTGAAGAGAAAAGTTTATTTGTTATGCATTATTTGGTCTCTTTG
 CAACACTGGGATTCTTTGCACCTTCTTGTACATCATTCTCTGGCATTAGTCTGGGCAATTGACCAGGA
 CCGCGCTGCTTTTTTATTATCTACGATGGCATTGCAGAAAGTTTTCGGAAGGATCGGAGCTGGTTTTGTC
 CTCAACAGGGAGCCATTCTGAAGATTACATTGAGCTCATCTGCGTCATCTATTGACTGTGTCTCTGT
 TTGCTTTACTTTTGTACTGAATTCTGGGTCTAATGTGATGCAGCATATTTTGGGTTTATGGTTGG
 AACAAATAGGAGGACTCACATTCCTGCTGCTGAGGATGATGCTGCGGCAATTGAGAAAGATGCTTCT
 GCAGCTGGGGTCTACATCTTCAATCAGAGCATAGCAGGACTGGCTGGACCGCCCTTGCAGGTTTGTGG
 TGGACCAAAGTAAGATCTACAGCAGGCGCTTCTACTCTGCGCAGCTGGCATGGCCCTGGCTGCTGTGT
 CCTCGCCCTGGTGAACCGTGAAGATGGGACTGTGCCAGCATCATCACTCAGGTGAACAAAGGTAGTG
 AGCCATCGTGGGAAGACTTACAGGACATACCTGAAGACTTTCTGGAATGGATCTTGCAAAAAATGAGC
 ACAGAGTTCACGTGCAATGGAGCCGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC209384 protein sequence
 Red=Cloning site Green=Tags(s)

MTQNKLKLSKANVYTEVPDGGWGWAVVSVFFVEVFTYGIKTFGVFFNDLMSFNESNSRISWIISIC
 VFVLTFSAPLATVLSNRFGRHLVVMLGGLLVSTGMVAASFQEVSHMYVAIGIISGLGYCFSLPTVTIL
 SQYFGKRRSIVTAVASTGECFAVFAFAPAIMALKERIGWRYSLLFVGLLQLNIVIFGALLRPIFIRGPAS
 PKIVIQENRKEAQYMLNEKTRTSIDSIDSGVELTTPKNVPTHNLLEPKADMQQVLVKTSRPPSEKK
 APLLDLSILKEKSFICYALFGLFATLGFFAPSLYIPLGISLGIDQDRAAFLLSTMAIAEVFGRIGAGFV
 LNREPIRKIYIELICVILLTVSLFAFTFATEFWGLMSCSIFFGFMVGTIGGTHIPLLAEDDVVGIEKMSS
 AAGVYIFIQSIAGLAGPPLAGLLVDQSKIYSRAFYSAGMALAAVCLALVRPCKMGLCQHHSGETKV
 SHRGKTLQDIPEDFLEMDLAKNEHRVHVQMEPV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_004694
ORF Size: 1569 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_004694.2
RefSeq Size:	3828 bp
RefSeq ORF:	1572 bp
Locus ID:	9120
UniProt ID:	O15403
Cytogenetics:	17q24.2
MW:	57.4 kDa