

Product datasheet for **RC232820A1V**

Human MCT2 (SLC16A7) (NM_001270622) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MCT2 (SLC16A7) (NM_001270622) AAV Particle
Tag:	Myc-DDK
Symbol:	MCT2
Synonyms:	MCT2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC232820 representing NM_001270622
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCCACCAATGCCAAGTGCCCCACCTGTGCATCCACCTCCAGATGGAGGATGGGGTTGGATTGTGGTTG
 GAGCAGCTTTTATCTCCATTGGATTTTCTATGCATTCCCAAAGCTGTACCGTATTCTTCAAAGAAAT
 TCAGCAATATTCACACTACCTACAGTGAAATAGCATGGATTTCATCCATTATGCTGGCTGTTATGTAC
 GCAGGAGGTCTGTAAGTAGTGTGGTGAATAAATACGGCAGCCGGCCGGTGGTGATAGCAGGAGGCT
 TATTATGCTGTCTGGAATGGTGTGGCCTCCTTATAGTAGCAGCGTGGTACAGCTGTACCTCACTATGGG
 ATTCATTACAGGTTTAGGTTTAGCCTTCAACCTGCAACCCGCCTTAACCATAATTGGCAAATACTTCTAT
 AGGAAGCGACCATGGCAATGGATTGGCCATGGCAGGAAGTCCTGTTTTCTTAAGTTCATTGGCTCCTT
 TCAATCAGTACCTTTTAACTTTTGGCTGGAAGGAAGCTTCTGATTTTGGGAAGTCTACTTTTGAA
 TGCCTGTGTGGCTGGTCCCTCATGAGACCCCTTGGACCAATCAAACCACTTCTAAGTCTAAAAATAAG
 ACTGGCAAAACAGAAGATGATCAAGCCCAAAGAAAATCAAACGAAGAAATCAACTTGGGAAAAAGTTA
 ATAAGTATTTAGATTTCTCCCTTTTAAAGCATAGAGGATTTCTGATATATCTGTCTGGAATGTCATTAT
 GTTCTAGGTTTTTTGCCCCATTATATTCTGGCTCCATATGCTAAAGACCAAGGAATTGATGAGTAC
 TCGGCAGCTTTTCTGCTATCTGTTATGGCTTCGTTGATATGTTTCTAGGCCTTCTGTAGGATTAATTG
 CAAACTCCAAATATATTCGACCTCGAATTCAGTACTTCTCAGTTTGAATCATGTTCAATGGAGTGTG
 TCACCTCTTGCCCACTGGCACAGGACTACACAAGCCTGGTATTATGCTGTATTTTGGCCTTGA
 TTTGGGAGTGTAGCAGTGTCTCTTGAAGTCTCATGGACCTCGTGGGTGCACCAAGATTTTCCAGTG
 CCGTCGGACTTGTACAATTGTGGAGTGTGGCCAGTCTTCTTGGCCCTCCTTGCAGGTAATTTGGT
 GGATTTAACTGGAGAATATAAATACATGTACATGTCTGTGGGCTATTGTGGTAGCAGCAAGCGTGTGG
 CTGCTCATTGGCAATGCTATCAACTATAGATTGCTTGAAGGAAGGAAGGAGGAAAAATGCAAGGCAGA
 AGACCAGAGAATCTGAACCTTGAGCAATCTAAACATTCGGAAGATGTTAACGTCAAAGTTTCAATGC
 ACAGAGTGAACCTCAGAAAGAGAACTAACATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC232820 representing NM_001270622
 Red=Cloning site Green=Tags(s)

MPPMPSAPPVHPPPDGGWGWIVGAAAFISIGFSYAFPKAVTVFFKEIQQIFHTTYSEIAWISSIMLAVMY
 AGGPVSSVLVNKYGSRPVVIAGLLCCLGMVLSFSSSVVQLYLTMGFITGLGLAFNLQPALTIIGKYFY
 RKRPMANGLAMAGSPVFLSSLAPFNQYLFNTFGWKGSFLILGSLLLNACVAGSLMRPLGPNQTTSSKSNK
 TGKTEDDSSPKIKTKKSTWEKVNKYLDFSLFKHRGFLIYLSGNVIMFLGFFAPIIFLAPYAKDQIDEY
 SAAFLLSYMAFVDMFARPSVGLIANSKYIRPRIQYFFSFAIMFNGVCHLLCPLAQDYTSVLVYAVFFGLG
 FGSVSSVLFETLMDLVGAPRFSSAVGLVTIVECGPVLLGPPLAGKLVDLTGEYKYMMSCGAIVVAASVW
 LLIGNAINYRLLAKERKEENARQKTRESEPLSKSKHSEDVNVKVSNAQSVTSERETNI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001270622

ORF Size:

1434 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:	<u>NM_001270622.1</u>
RefSeq Size:	11919 bp
RefSeq ORF:	1437 bp
Locus ID:	9194
UniProt ID:	<u>O60669</u>
Cytogenetics:	12q14.1
MW:	52.2 kDa