

Product datasheet for **RC209008A1V**

Human Monocarboxylate transporter 14 (SLC16A14) (NM_152527) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Monocarboxylate transporter 14 (SLC16A14) (NM_152527) AAV Particle
Tag:	Myc-DDK
Symbol:	Monocarboxylate transporter 14
Synonyms:	MCT14
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209008 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTATACCAAGTCATGAAGATATTGGGTATGATTTTGAAGATGGCCCCAAAGACAAAAGACACTGAAGC
 CCCACCCAAACATTGATGGCGGATGGGCTTGGATGATGGTGCTCTCTCTTTCTTTGTGCACATCCTCAT
 CATGGGCTCCCAGATGGCCCTGGGTGTCTCAACGTGGAATGGCTGGAAGAATCCACCAGAGCCGCGGC
 CTGACCGCCTGGGTGAGTCCCTCAGCATGGGCATCACCTTGATAGTGGGCCCTTTCATCGGCTTGTTCAT
 TTAACACCTGTGGGTGCCCGCAGACTGCGATCATTGGAGGGCTCGTCAACTCCCTGGGCTGGGTGTTGAG
 TGCCTATGCTGCAACGTGCATTATCTTTCATTACTTTTGGAGTCGAGCTGGCCTGGGCAGCGGGATG
 GCCTACCTGCCAGCGGTGGTATGGTGGGCAGGATTTCCAGAAGAGACGCGCCCTGCCAGGGCCTCA
 GCACCACGGGACCGGATTCGATACGTTCTTAATGACTGTGCTGCTGAAGTACCTGTGCGCAGAGTACGG
 CTGGAGGAATGCCATGTTGATCAAGGTGCCGTTTCCCTAAACCTGTGTGTTTGTGGGGCCTCATGAGG
 CCCCTCTCTCCTGGTAAAAACCCAAACGACCCAGGAGAGAAAGATGTGCGTGGCCTGCCAGCGCACTCCA
 CAGAATCTGTGAAGTCAACTGGACAGCAGGGAAGAAGAGAAGGATGGTGGGCTCGGGAACGAGGA
 GACCCTCTGCGACCTGCAAGCCAGGAGTGCCCGATCAGGCCGGGCACAGGAAGAATGTGTGCCCTC
 CGGATTCTGAAGACTGTCAGCTGGCTCACCATGAGAGTCAGGAAGGGCTTCGAGGACTGGTATTCGGGCT
 ACTTTGGGACAGCCTCTCTATTTACAAATCGAATGTTTGTAGCCTTTATTTTCTGGGCTTTGTTGCATA
 CAGCAGCTTTGTATCCCTTCATTACCTCCAGAAATCGTCAATTTGTATAACTTATCGGAGCAAAAC
 GACGTTTTCCCTCTGACGTCAATTATAGCAATAGTTACATCTTTGAAAAGTGATCCTGGGCGTCATAG
 CCGACTTGCCTGCATTAGTGTGGAATGTCTTCTGTTGGCAACTTACCCTGTCTCAGTATTTT
 TATTCTGCCGTTGATGCACACGTACGCTGGCCTGGCGGTATCTGTGCGCTGATAGGGTTTTCCAGTGGT
 TATTTCTCCCTAATGCCGTAAGTACTGAAGACTTGGTTGGCATTGAACACCTGGCCAATGCCTACGGCA
 TCATCATCTGTGCTAATGGCATCTCTGATTGCTGGGACCACCTTTGAGGGTGGATCTATGACATCAC
 GCAAAATATGATTTTCTCTACATATGTGTTTGTCTTACATGATAGGAATACTCTTTTACTTATT
 CAGCCGTGCATTGAATTATAGAACAATCCAGAAGAAATACATGGATGGTGCACATGTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209008 protein sequence
 Red=Cloning site Green=Tags(s)

MYTSHEDIGYDFEDGPKDKKTLKPHPNIDGGWAWMMVLSSFFVHILIMGSQMALGVLNVEWLEEFHQSRG
 LTAWVSSLMSGITLIVGPFIFLINTCGCRQTAIIGGLVNSLWVLSAYAAANVHYLFITFGVAAGLGSGM
 AYLPVAVMVGRYFQKRRALAQGLSTTGTFGLMTVLLKYLCAEYGWNRNMLIQGAVSLNLCVCGALMR
 PLSPGKNPNDPGEKDVRLPAHSTESVKSTGQQGRTEEDGGLGNEETLCDLQAQECPDQAGHRKNMCAL
 RILKTVSWLTMRVRKGFEDWYSYFGTASLFTNRMFVAFIFWALFAYSSFVIPFIHLPEIVNLYNLSEQN
 DVFPLTSIIAIVHIFGKILGVIADLPICISVWNVFLLANFTLVLSIFILPLMHTYAGLAIVICALIGFSSG
 YFSLMPVVTEDLVGIEHLANAYGIIICANGISALLGPPFAGWIYDITQKYDFSFYICGLLYMIGILFLLI
 QPCIRIIEQSRKYMMDGAHV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_152527

ORF Size:

1530 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_152527.3</u>
RefSeq Size:	4411 bp
RefSeq ORF:	1533 bp
Locus ID:	151473
UniProt ID:	<u>Q7RTX9</u>
Cytogenetics:	2q36.3
MW:	56.3 kDa