

## Product datasheet for **RC214220A1V**

### Human SLC22A17 (NM\_016609) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human SLC22A17 (NM_016609) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC22A17
Synonyms:	24p3R; BOCT; BOIT; hBOIT; NGALR; NGALR2; NGALR3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC214220 representing NM\_016609  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCCTCGGACCCCATCTTCACGCTGGCGCCCCCGCTGCATTGCCACTACGGGGCCTTCCCCCTAATG  
 CCTCTGGCTGGGAGCAGCCTCCAATGCCAGCGCGCTCAGCGTCGCCAGCGCTGCCCTAGCAGCCAGCGC  
 CGCCAGCCGTGTCGCCACCAGTACCGACCCCTCGTGCAGCGGCTTCGCCCCGCCGACTTCAACCATTGC  
 CTCAAGGATTGGGACTATAATGGCCTTCTGTGCTCACCACCAACGCCATCGGCCAGTGGGATCTGGTGT  
 GTGACCTGGGCTGGCAGGTGATCCTGGAGCAGATCCTCTTATCTTGGGCTTTCCTCCGGCTACCTGTT  
 CCTGGGTTACCCCGCAGACAGATTTGGCCGTCGCGGGATTGTGCTGTGACCTTGGGGCTGGTGGCCCC  
 TGTGGAGTAGGAGGGGCTGTGCAGGCTCCTCCACAGGCGTCATGGCCCTCCGATTCTCTTGGGCTTTC  
 TGCTTGCCGGTGTGACCTGGGTGTCTACCTGATGCGCCTGGAGCTGTGCGACCAACCCAGAGGCTTCG  
 GGTGGCCCTGGCAGGGGAGTTGGTGGGGTGGGAGGGCACTTCTGTCTGGGCTGGCCCTTGTCTCT  
 AAGGATTGGCGATTCTACAGCGAATGATCACCGCTCCCTGCATCCTCTTCTGTTTTATGGCTGGCCTG  
 GTTTGTTCTGGAGTCCGCACGGTGGCTGATAGTGAAGCGGCAGATTGAGGAGGCTCAGTCTGTGCTGAG  
 GATCCTGGCTGAGCGAAACCGGCCCATGGGCAGATGCTGGGGAGGAGGCCAGGAGGCCCTGCAGGAC  
 CTGGAGAATACCTGCCCTCTCCCTGCAACATCTCCTTTTCTTTGCTTCCCTCCTCAACTACCGCAACA  
 TCTGGAAAAATCTGCTTATCTGGGCTTACCAACTTCAATGCCCATGCCATTGCCACTGCTACCAGCC  
 TGTGGGAGGAGGGAGCCCATCGGACTTCTACCTGTGCTCTGCTGGCCAGCGGCACCGCAGCCCTG  
 CCCTGTGTCTTCTGGGGTACCGTGGACCGATTTGGCCCGGGGCATCCTTCTTCTCTCCATGACCC  
 TTACCGCATTGCTTCCCTGGTCTGCTGGGCTGTGGGATTATCTGAACGAGGCTGCCATCACCCTTT  
 CTCTGTCTTGGGCTTCTCCTCCCAAGCTGCCGCCATCCTCAGCACCTCCTTGTCTGAGGTCATC  
 CCCACCACTGTCCGGGGCCGTGGCCTGGCCTGATCATGGCTCTAGGGCGCTTGGAGGACTGAGCGGCC  
 CGGCCAGCGCCTCCACATGGGCCATGGAGCCTTCTGCAGCAGTGGTGTGGCGCCTGCGCCCTCT  
 CTGCATTCTCAGCATTATGCTGCTGCCGAGACCAAGCGCAAGCTCCTGCCGAGGTGCTCCGGGACGGG  
 GAGCTGTGTGCCGGCCTTCCCTGCTGCGGCAGCCACCCCTACCGCTGTGACCACGTCCCGCTGCTTG  
 CCACCCCAACCTGCCCTC

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC214220 representing NM\_016609  
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MASDPIFTLAPPLHCHYGAFPPNASGWEQPPNASGVSVASAALAASAASRVATSTDPSCSGFAPPDFNHC  
 LKDWDYNGLPVLTNAIGQWDLVCDLWQVILEQILFILGFASGYLFLGYPADRFRRGIVLLTLGLVGP  
 CGVGGAAAGSSTGVMALRFLLAGVDLGVYLMRELECDPTQRLRVALAGELVGVGGHFLFLGLALVS  
 KDWRFLQRMITAPCILFLFYGWPGFLFESARWLIVKRQIEEAQSVLRILAERNRPHGQMLGEEAQEALQD  
 LENTCPLPATSSFSFASLLNYRNIWKNLLILGFTNFIAHAIRHCYQPVGGGGSPDFYLCSSLASGTAAL  
 ACVFLGVTVDRFGRRGILLLSMTLTGIASLVLLGLWDYLNAAITTFVSLGLFSSQAAAILSTLLAAEVI  
 PTTVRGRGLGLIMALGALGGLSGPAQRLHMGHGAFLQHVVLAACALLCILSIMLLPETKRKLLPEVLRDG  
 ELCRPSSLRQPPPTRCDHVPLLATPNPAL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_016609

**ORF Size:**

1560 bp

<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_016609.3</a></u> , <u><a href="#">NP_057693.3</a></u>
<b>RefSeq Size:</b>	2344 bp
<b>RefSeq ORF:</b>	1563 bp
<b>Locus ID:</b>	51310
<b>UniProt ID:</b>	<u><a href="#">Q8WUG5</a></u>
<b>Cytogenetics:</b>	14q11.2
<b>MW:</b>	55.5 kDa