

Product datasheet for **RC22879A1V**

Human CANT1 (NM_001159773) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CANT1 (NM_001159773) AAV Particle
Tag:	Myc-DDK
Symbol:	CANT1
Synonyms:	DBQD; DBQD1; EDM7; SCAN-1; SCAN1; SHAPY
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC22879 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCCGTGCAGCTGTCTGAGCACCCGGAATGGAATGAGTCTATGCACTCCCTCCGGATCAGTGTGGGG
GCCTTCCTGTGCTGGCGTCCATGACCAAGGCCGCGGACCCCGCTTCCGCCCCGCTGGAAGGTGATCCT
GACGTTCTTTGTGGGTGCTGCCATCCTCTGGCTGCTCTGCTCCACCGCCCGGCCCGGCGAGGCCCCC
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AAGGGCCCAAGAGGAAAACACCTGGTTACGTTACCTGAAAAAGGGCTACCTGACCTGTGACACAGTGGG
GACAAGGTGGCCGTGGAATGGGACAAAGACCATGGGTCTGGAGTCCCACCTGGCGGAGAAGGGGAGAG
GCATGGAGCTATCCGACCTGATTGTTTTCAATGGGAACTCTACTCCGTGGATGACCGGACGGGGTCTGT
CTACCAGATCGAAGGCAGCAAAGCCGTGCCCTGGGTGATTCTGTCCGACGGCGACGGCACCGTGGAGAA
GGCTTCAAGGCCGAATGGCTGGCAGTGAAGGACGAGCGTCTGTACGTGGCGGCCTGGGCAAGGAGTGA
CGACCACTACGGGTGATGTGGTGAACGAGAACCCGAGTGGGTGAAGTGGTGGGCTACAAGGGCAGCGT
GGACCAGGAACTGGGTGTCCAATAACAACGCCCTGCGGGCTGCTGCCGGCATCCAGCCGCCAGGCTAC
CTCATCCATGAGTCTGCCTGCTGGAGTGACACGCTGCAGCGCTGTTCTCTGCGCGCCGCGCCAGCC
AGGAGCGCTACAGCGAGAAGGACGACGAGCGCAAGGGCGCCAACCTGCTGCTGAGCGCCTCCCCTGACTT
CGGCGACATCGTGTGAGCCACGTGGGGCGGTGGTCCCCACTCACGGCTTCTGTCCTTCAAGTTCATC
CCCAACACCGACGACGAGATCATTGTGGCCCTCAAATCCGAGGAGGACAGCGGCAGAGTCGCCTCCTACA
TCATGGCCTTACGCTGGACGGGCGCTTCTGTTGCCGGAGACCAAGATCGGAAGCGTGAATACGAAGG
CATCGAGTTCATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC228879 protein sequence Red=Cloning site Green=Tags(s) MPVQLSEHPEWNE SMHSLRISVGGLPVLASMTKAADPRFRPRWKVILTFFVGAAILWLLCSHRPAPGRPP THNAHNWRLGQAPANWYNDTYPLSPPQRTAGIRYRIAVIADLTESRAQEENTWFSYLKKGYLTLSDSG DKVAVEWDKDHGVLESHLAEKGRGMELSDLIVFNGKLYSVDDRTGVVYQIEGSKAVPWVILSDGDGTVEK GFKAEWLAVKDERLYVGGLGKEWTTTTGDVVNENPEWVKVVGKGSVDHENWVSNNALRAAAGIQPPGY LIHESACWSDTLQRWFFLPRRASQERYSEKDDERKGANLLL SASPDFGDI AVSHVGAVVPTHGFSSEFKFI PNTDDQII VALKSEEDSGRVASYIMAF TLDGRFLLPETKIGSVKYEGIEFI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001159773
ORF Size:	1203 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_001159773.1
RefSeq Size:	3350 bp
RefSeq ORF:	1206 bp
Locus ID:	124583
UniProt ID:	Q8WVQ1
Cytogenetics:	17q25.3
MW:	44.8 kDa