

Product datasheet for **RC217014A1V**

Human Twinkle (TWNK) (NM_021830) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Twinkle (TWNK) (NM_021830) AAV Particle
Tag:	Myc-DDK
Symbol:	C10orf2
Synonyms:	ATXN8; C10orf2; IOSCA; MTDPS7; PEO; PEO1; PEOA3; PRLT55; SANDO; SCA8; TWINL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217014 representing NM_021830
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGGGTCCTCCTCCGAAGTGGGTACCCCTCCGTATCTTGTACCCCTGCGTGGGAGTGGATGGGTC
 GGAGGGGCTGCCCCGAACTTGCCCCAGGCCCTCCTCGCAGACGTTACAGGAAGGAGACTCTCCAAGC
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 AAAGAGGATGATGACAAGGAAGTGCAGACAGCGTCCATTTTGGCTCAGCCAAAGCAAGCCAGGAAGCAG
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 CCACCAAAGAACAAGGCCCGGCTCAAGAAGATCAAGGATGACACTGGACCAAGTGGCCAAAAGGCCCTCTT
 CTGGCAAAAAGGGGGCTACGACACAGAACTCTGAGATTTGCTCAGGCCAGGCCCCCACTCCCGACCAGCC
 AGACACCTCCAAGCGTTCAAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC217014 representing NM_021830 Red=Cloning site Green=Tags(s) MWVLLRSGYPLRILLPLRGEWMGRRGLPRNLAPGPPRRRYRKETLQALDMPVLPVTATEIRQYLRGHGIP FQDGHSCLRALSPFAESSQLKGQTVTTSFSLFIDKTTGHFLCMTSLAEGSWEDFQASVEGRGDGAREGF LLSKAPEFEDSEEVRIWNRAIPLWELPDQEEVQLADTMFGLTKVTDDTLKRFSVRYLRPARSLVFPWFS PGGSGLRGLKLEAKCQGDGVSYEETTIPRPSAYHNLFGPLISRRDAEVVLTSLREDSLALNQSTGLPT LTLPRGTTCLPPALLPYLEQFRRIVFWLGDDLRSWEAAKLFARKLNPKRCFLVRPGDQQPRPLEALNGGF NLSRILRTALPAWHKSIYSFRQLREEVLGELSNVEQAAGLRWSRFPDLNRILKGHRKGELTVFTGPTGSG KTTFISEYALDLC SQGVNTLWGSFEISNVRLARVMTQFAEGRLEDQLDKYDHWADRFDLPLYFMTFHG QQSIRTVIDTMQHAVVYVDICHVIDNLQFMMGHEQLSTDRIAAQDYIIGVFRKFATDNNCHVTLVHPR KEDDDKELQTASIFGSAKASQEADNVILQDRKLVTPGPKRYLQVSKNRFDDGVGFPLEFNKNSLTFSI PPKNKARLKKIKDDTGPVAKKPSSGKKGATTQNSEICSGQAPTDPDPTSKRSK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_021830
ORF Size:	2052 bp
Buffer:	PBS with 0.001% Pluronic F7630
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_021830.3</u>
RefSeq Size:	3630 bp
RefSeq ORF:	2055 bp
Locus ID:	56652
UniProt ID:	<u>Q96RR1</u>
Cytogenetics:	10q24.31
MW:	77 kDa