

Product datasheet for **RC231422A1V**

Human PIWIL1 (NM_001190971) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PIWIL1 (NM_001190971) AAV Particle
Tag:	Myc-DDK
Symbol:	PIWIL1
Synonyms:	CT80.1; HIWI; MIWI; PIWI
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC231422 representing NM_001190971
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGACTGGGAGAGCCCGAGCCAGAGCCAGAGGAAGGGCCCGGTCAGGAGACAGCGCAGCTGGTGGGCT
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 TGGCCGTGGACGCGCAGAGAGGAACAGCAGGAGGAACAGCCAAGTCACAAGGACTCCAGATATCTGCTGGA
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 CATCTATTACAAGTGGCCAGTAAGTCTTCTACTTGT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC231422 representing NM_001190971 Red=Cloning site Green=Tags(s) MTGRARARARGRARGQETAQLVGSTASQQPGYIQPRPQPPPAEGELFGRGRQRGTAGGTAKSQGLQISAG FQELSLAERGGRRRDFHDLGVNTRQNL DHVKESKTGSSGIIVRLSTNHFRLTSRPQWALYQYHIDYNPLM EARRLRALLFQHEDLIGKCHAFDGTILFLPKRLQQKVTEVFSKTRNGEDVRITITLTNELPPTSPTCLQ FYNIIFRRLKIMNLQQIGRNYNPNPIDIPSHRLVIWPGFTTSILQYENSIMLCTDVSHKVL RSETVL DFMFNFYHQTEEHKFQEVSKE LIGLVVLT KYNNKTYRVDDIDWDQNP KSTFKKADGSEVSFLEYRKY NQEITDLKQPVLSQPKRRRGPGGTLPGPAMLIPELCYLTGLTDKMRNDFNVMKDLAVHTRLTPEQRQRE VGRLIDYIHKNDNVQREL RDWGLSFDSNLLSFSGRILQTEKIHQGGKTFDYNPQFADWSKETRGAPLISV KPLDNWLLIYTRRNYEAANSLIQNLFKVTPAMGMQMRKAIMIEVDDRTEAYLRVLQQKV TADTQIVVCLL SSNRKDKYDAIKKYLCTDCPTPSQC VVARTLGKQQTVMATKIALQMCKMGGELWRVDIPLKLVMI VG IDCYHDMTAGRRSIAGFVASINEGMTRWFSRCIFQDRGQELVDGLKVCLQAALRAWNSCNEYMPSRIIVY RDGVGDGQLKTLVNYEVPQFLDCLKSI GRGYNPRLTVIVVKKRVNTRFFAQSGGRLQNPLPGTVIDVEVT RPEWYDFFIVSQAVRSGSVSPTHY NVIYDNSGLKPDHIQRLTYKLCHIYYNWPVSASTC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001190971
ORF Size:	2487 bp
Buffer:	PBS with 0.001% Pluronic F10011
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_001190971.1</u>
RefSeq ORF:	2490 bp
Locus ID:	9271
UniProt ID:	<u>Q96J94</u>
Cytogenetics:	12q24.33
MW:	95.3 kDa