

Product datasheet for **RC223786A1V**

Human KRTAP5-1 (NM_001005922) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	KRTAP5-1
Synonyms:	KRNIL; KRTAP5.1
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC223786 ORF sequence, **codon optimized**.
Due to the complexity of NM_001005922, the ORF clone is codon optimized for mammalian Expression.
The nucleotide sequence differs from the reference sequence, yet the amino acid sequence remains identical.

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGATGTTGCGGATGCAGCGCGGATGTGGAAGTAGCTGCGCGGCTGTGGCTCCGGATGCGGAGGTT
GCGGGAGCGGCTGTGGCGCTGTGGTAGTGGATGTGGCGGATCTGGAAGCAGCTGTTGCGTCCCTGTATG
CTGTTGTAACCCGTTTGTGGCGCTGCCACTTGCAAGTCTCCTCATGCGGGAAGGGGGGTGTGGA
AGTAGTGGCGGAAGTAAGGGGGGTGTGGCAGCTGTGGTGGCTGTAAGGGGGATGCGGTAGCTGTGGT
GCTCTAAGGAGGCTGCGGAAGCTGTGGCGGTCCAAAGGGGCTGTGGCTCCTGCGGAGGCAGTAAAG
GGGATGTGGCTCAGGCTGTGGAGGTGCGGGTCTTCTTGTTCGCTGCCGCTCTGCTGCTGCAAGCCAATG
TGTTGCTGCGTTCTGCTGCTCCTGTAGTAGTTGCGGAAAGGGGGATGCGGAAGCTGCGGATGTAGCA
AGGGTGCTGTGGCTCCTGTGGGGGCAGTAAAGCGGGTGCGGTTCTGCGGTGGTTGCAAGGCGGATG
TGGCAGCTGCGCGGAAGCAAGGTGGATGTGGTCTGGCTGTGGGGCTGTGGCAGTGGGTGTGGCGTT
CCAGTCTGCTGCTCCTGTAGTAGCTGCGGTTTCATGTGCCGCTAGCAAAGGCGGGTGCGGCTCCAGCT
GCTCCAGTGCTCATGTTGCAACCTGTTGCTGTTCCAGTGGGTGTGGAAGTCTGTTGTGAGAGCAG
TTGCTGTAAGCCATGTTGTAGTCAGAGTTCATGCTGTGCTGCTGTGCTGTCAGTGAAGATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATACGACGATAAGGTTTAA



Protein Sequence:	>RC223786 representing NM_001005922 Red=Cloning site Green=Tags(s) MGCCGCGSGGCGSSCGGCGSGCGGCGSGCGGCGSGCGSSCCVPVCCCKPVCCRVPTCSCSSCGKGGCG SSGGSKGGCGSCGGCKGGCGSCGGSKGGCGSCGGSKGGCGSCGGSKGGCGSGCGGCGSSCCVPVCCCKPM CCCVPAACSSCGKGGCGSCGCSKGACGSCGGSKGGCGSCGGCKGGCGSCGGSKGGCGSGCGGCGSGCGV PVCCSCSSCGSCAGSKGGCGSSCSQCSCCKPCCSSSGCGSSCCQSSCKPCCSQSSCCVPVCCQCKI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001005922
ORF Size:	834 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_001005922.1 , NP_001005922.1
RefSeq Size:	942 bp
RefSeq ORF:	837 bp
Locus ID:	387264
UniProt ID:	Q6L8H4
Cytogenetics:	11p15.5
MW:	24.2 kDa