

Product datasheet for **RC223131A1V**

Human KRTAP4-3 (NM_033187) AAV Particle

Product data:

Product Type: AAV Particles

Tag: Myc-DDK

Symbol: KRTAP4-3

Synonyms: KAP4.3

Mammalian Cell None

Selection:

Vector: pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC223131 ORF sequence, **codon optimized**.
Due to the complexity of NM_033187, 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)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGTTTCTTCTTGTGTGGTTCTGTGTCTGACCAGAGTTGCGGGCAGGGACTCGGCCAAGAGTCCT
GTTGTAGGCCTAGCTGTTGCCAGACCACCTGCTGCCGCACTACATGCTGCCGCCAGCTGCTGTATTAG
TTCTTGCTGCAGGCCAAGCTGTTGTATAAGTAGTTGTTGCAAACCTAGTTGTTGCCGGACCACCTGCTGT
AGGCCTTCTGCTGCATCAGTTCATGTTGCCGGCCCTCATGTTGCATCTCCTCTGTTGCAAACCCAGCT
GCTGCAGAACCACATGTTGTAGGCCCTCATGCTGTATCTCCAGCTGTTGCAGACCCAGCTGTTGCATTTTC
CTCCTGTTGTAAGCCGTCTTGTGCCAGACGACATGCTGCAGGCCCTCATGCTGTATCAGCAGTTGTTAT
AGACCTCAGTGTTGCCAGCCAAGTTGCTGCAGACCGGCATGCTGTATTAGCTCATGTTGTCACCCCTCCT
GCTGTGTAAGCAGTTGTCGGTGCCCATTTCTCTGTCCAACCACTGTTGCAGGACAACCTGCTTCCACCC
AATATGTTGTGAAGCAGCTGTTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC223131 representing NM_033187 Red=Cloning site Green=Tags(s) MVSSCGSVCSDDQSCGQGLGQESCCRPSCCQTTCCRTTCCRPSCCISCCRPSCCISCCCKPSCCRTTCC RPSCCISCCRPSCCISCCCKPSCCRTTCCRPSCCISCCRPSCCISCCCKPSCCQTTCCRPSCCISCCY RPQCCQPSCCRPACCSCHPSCCVSSCRCPFSCPTTCCRTTCFHPICGSSCC TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_033187
ORF Size:	585 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:	<u>NM_033187.1</u> , <u>NP_149443.1</u>
RefSeq Size:	962 bp
RefSeq ORF:	588 bp
Locus ID:	85290
UniProt ID:	<u>Q9BYR4</u>
Cytogenetics:	17q21.2
MW:	20.5 kDa