

Product datasheet for **RC200897A1V**

Human KRTAP4-12 (NM_031854) AAV Particle

Product data:

Product Type: AAV Particles

Tag: Myc-DDK

Symbol: KRTAP4-12

Synonyms: KAP4.12; KRTAP4.12

Mammalian Cell None

Selection:

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

ORF Nucleotide Sequence: >RC200897 ORF sequence, **codon optimized**.
Due to the complexity of NM_031854, 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)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGTAAATAGCTGCTGTGGGTCAGTTTGTCCGATCAGGGGTGCGGACTCGAGAATTGCTGTAGGCCAA
GCTGTTGCCAAACAACGTGTTGTCGGACGACTTGCTGCAGACCTTCTTGCTGCGTGAGCAGCTGCTGTG
CCCCAGTGTGGCAGTCCGTTTGCTGCCAGCCACATGCTGCCGGCCTAGCTGCTGCCAGACCACATGT
TGCAGGACAACGTGCTGCAGACCCTCATGTTGTGTGAGTTCATGCTGCAGACCACAATGTTGCCAGAGTG
TCTGTTGTCAGCCTACATGTTGTCGGCCAGCTGCTGCCAAACCACTTGCTGTAGAACAACTGTTGCAG
ACCGTCATGTTGCGTCAGCAGCTGTTGCAGGCCACAGTGTGCCAGTCTGTTTGTGTCAGCCGACCTGC
TGCCGGCCCTCCTGTTGTATTTCAAGTTCCTGCTGCCCTCATGCTGTGAGAGTTCCTGTTGTCGGCCTT
GTTGTTGTCTTAGGCCGTCTGCGGGCGGGTATCCTGTCACTACCTGCTACCGGCCGACTTGTGTGAT
CTCTACCTGTCTCGCCCTCTCTGCTGTGCTAGCAGCTGTTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC200897 representing NM_031854 Red=Cloning site Green=Tags(s) MVNSCCGSVCSDQGCGLENCRCRPSCCQTTCRTTCCRPSCCVSSCCRPQCCQSVCCQPTCCRPSCCQTTC CRTTCCRPSCCVSSCCRPQCCQSVCCQPTCCRPSCCQTTCRTTCCRPSCCVSSCCRPQCCQSVCCQPTC CRPSCCISSSCCPSCCESSCCRPCCCLRPVCGRVSCHTTCYRPTCVISTCPRPLCCASSCC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_031854
ORF Size:	603 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_031854.2 , NP_114060.1
RefSeq Size:	1092 bp
RefSeq ORF:	606 bp
Locus ID:	83755
UniProt ID:	Q9BQ66
Cytogenetics:	17q21.2
MW:	21.4 kDa