

Product datasheet for **RC204500A1V**

Human Cytokeratin 10 (KRT10) (NM_000421) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Cytokeratin 10 (KRT10) (NM_000421) AAV Particle
Tag:	Myc-DDK
Symbol:	KRT10
Synonyms:	BCIE; BIE; CK10; EHK; K10; KPP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC204500 representing NM_000421.

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

GCTCGTTTAGTGAACCGTCAGAAATTTTGTAAATACGACTACTATAGGCGGCCGGGAATTTCGTCGACT
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGTCTGTTCGATACAGCTCAAGCAAGCACTACTCTTCTCCCGCAGTGGAGGAGGAGGAGGAGGAGGA
 GGATGTGGAGGAGGAGGAGGAGTGTATCCCTAAGAAATTTCTAGCAGCAAAGGCTCCCTTGGTGGAGGA
 TTTAGCTCAGGGGGTTTCAGTGGTGCTCTTTTAGCCGTGGGAGCTCTGGTGGGGGCTGCTTTGGGGG
 TCATCAGGTGGCTATGGAGGATTAGGAGGTTTTGGTGGAGGTAGCTTTCGTGGAAGCTATGGAAGTAGC
 AGCTTTGGTGGGAGTTATGGAGGCAGCTTTGGAGGGGGCAGTTTCGGAGGTGGCAGCTTTGGTGGGGG
 AGCTTTGGTGGAGGCGGCTTTGGTGGAGGCGGCTTTGGAGGAGGCTTTGGTGGTGGATTTGGAGGAGAT
 GGTGGCCTTCTCTCTGGAATGAAAAAGTAACCATGCAGAATCTGAATGACCGCCTGGCTTCTACTTTG
 GACAAAGTTCGGGCTCTGGAAGAATCAAACATAGACTGGAAGGCAAAATCAAGGAGTGGTATGAAAAG
 CATGGCAACTCACATCAGGGGAGGCTCTGACTACAGCAAAATACAAAAACCATCGATGACCTTAA
 AATCAGATTTCAACCTAAACATGATAATGCCAACCTCTGCTTCAGATCGCAAAATGCCAGCTGGCA
 GCTGATGACTTTCAGGCTGAAGTATGAGAATGAGGTAGCTCTGCGCCAGAGCGTGGAGGCTGACATCAAC
 GGCCTGCGTAGGGTGTGGATGAGCTGACCCTGACCAAGGCTGACCTGGAGATGCAAATTGAGAGCCTG
 ACTGAAGAGCTGGCCTATCTGAAGAAGAACCACGAGGAGGAAATGAAAGACCTTCGAAATGTGTCCACT
 GGTGATGTGAATGTGGAATGAATGCTGCCCGGGTGTGATCTGACTCAACTTCTGAATAACATGAGA
 AGCCAATATGAACAACCTTGTGAACAAAACCGCAAAGATGCTGAAGCCTGGTTCAATGAAAAGAGCAAG
 GAACTGACTACAGAAATTGATAATAACATTGAACAGATATCCAGCTATAAATCTGAGATTACTGAATTG
 AGACGTAATGTACAAGCTCTGGAGATAGAATACTACAGTCCCAACTGGCCTTGAAACAATCCCTGGAAGCC
 TCCTTGGCAGAAACAGAAGGTGCTACTGTGTGCAGCTCTACAGATTACGCGCCAGATATCCGCTCTG
 GAAGAACAGTTGCAACAGATTTCAGAGCTGAAACCGAGTGCCAGAATACTGAATACCAACAACCTCCTGGAT
 ATTAAGATCCGACTGGAGAATGAAATTCAAACCTACCGCAGCCTGCTAGAAGGAGAGGGAAGTTCGGGA
 GCGCGCGGACGCGCGGCGGAAGTTTCGGCGGCGGCTACGGCGGCGGAAGCTCCGGCGGCGGGAAGCTCC
 GCGCGGCGGCTACGGCGGCGGCCACGGCGGCAGTTCGGCGGCGGCTACGGAGGCGGAAGCTCCGGCGGC
 GGAAGCTCCGGCGGCGGCTACGGGGGCGGAAGCTCCAGCGGCGGCCACGGCGGCAGTTCCAGCGGCGGC
 TACGGTGGTGAGCTTCCGGCGGCGGCGGCGGCGGCTACGGGGGCGGCAGCTCCGGCGGCGGCAGCAGC
 TCCGGCGGCGGATACGGCGGCGGCAGCTCCAGCGGAGGCCACAAGTCTCTCTTCCGGGTCCGTGGGC
 GAGTCTTCATCTAAGGACCAAGATC
ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Protein Sequence:

>Peptide sequence encoded by RC204500

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

MSVRYSSSKHYSSRSRGGGGGGGCGGGGVSSLRISSSKGSLGGGFSSGGFSGGSFSGSSGGGCFGG
SSGGYGGLGGFGGGSFRGSYGSSSFGGSYGGSFGGGSFGGGSFGGGSFGGGFGGGFGGGFGGD
GGLLSGNEKVTMQLNDRLASYLKVRAL EESNYELEGKIKWEYKHNHQGEPRDYSKYKTIDDLK
NQILNLTTDNANILLQIDNARLAADDFRLKYENEVALRQSV EADINGLRRVLDELTLTKADLEMQIESL
TEELAYLKKNH EEMKDLRNVSTGDVNEMNAAPGVDLTQLLNNMRSQYEQLAEQNRKDAEAWFNEKSK
ELTTEIDNNIEQISSYKSEITELRRNVQALEIELQSQLALKQSLEASLAETEGRYCVQLSQIQAQISAL
EEQLQQIRAETECQNT EYQQLLDIKIRLENIQTYRSLLEGE GSSGGGGRGGGSFGGGYGGGS SGGGS
GGGYGGGHGSSGGGYGGGS SGGGS SGGGYGGGS SGGHGSSSGGYGGGS SGGGGGYGGGS SGGGS
SGGGYGGGS SGGHKSSSGSVGE SSSKGP RY
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000421

ORF Size:	1752 bp
Buffer:	PBS with 0.001% Pluronic F5583
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_000421.2</u> , <u>NP_000412.2</u>
RefSeq Size:	2162 bp
RefSeq ORF:	1755 bp
Locus ID:	3858
UniProt ID:	<u>P13645</u>
Cytogenetics:	17q21.2
MW:	58.8 kDa