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Product datasheet for RC220350A1V

Human Cytokeratin 4 (KRT4) (NM_002272) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Cytokeratin 4 (KRT4) (NM_002272) AAV Particle
Tag:	Myc-DDK
Symbol:	KRT4
Synonyms:	CK-4; CK4; CYK4; K4; WSN1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

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ORF Nucleotide Sequence:

>RC220350 representing NM_002272
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACTTCTGTAGGTGTGTTTAGTGACATGCTCAACGGGTGCGGGAAGGATGGGCTTGTGCCAAGGGCCA
AGCCCAGAGATGTTTCAGATTTTTCCCTTTATGCCCCTGCAACCAAGCCCTGCTGCTCCAGGACATATAA
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TTCTGGGGGATTTGGCAGCAGAAGCCTCTACAACCTCAGGGGGAACAAAAGCATCTCCATGAGTGTGGCT
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CGAATGCTGCGTGAGTACCAGGAGCTCATGAGTGTGAAGCTGGCCTTGGACATCGAGATCGCCACCTACC
GCAAACTGCTGGAGGGCGAGGAGTACAGAATGTCTGGAGAATGCCAGAGTGCCGTGAGCATCTCTGTGGT
CAGCGGTAGCACCAGCACTGGAGGCATCAGCGGAGGATTAGGAAGTGGCTCCGGGTTTGGCCTGAGTAGT
GGCTTTGGCTCCGGCTCTGGAAGTGGCTTTGGGTTTGGTGGCAGTGTCTCTGGCAGTTCCAGCAGCAAGA
TCATCTCTACCACCACCCTGAACAAGAGACGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC220350 representing NM_002272
Red=Cloning site Green=Tags(s)

MTSVGVFSDMLNGCGKDGLVPRAKPRDVSDFSLYAPATKPCCSRTYKRRRLRAPALTGLGPVTSLIAPSS
LSAAMIARQQCVRGGPRGFSCGSAIVGGGKRGAFSSVSMSGGAGRCSSGGFGSRSLYNLRGNKSISMSVA
GSRQGACFGGAGGFGTGGFGGGFGGSFSGKGGPGFPVCPAGGIQEVTINQSLLTPLHVEIDPEIQKVRTE
EREQIKLLNNKFASFIDKVQFLEQQNKVLETKWNLLQQQTTTTSSKNLEPLFETYLSVLRKQLDTLGNDK
GRLQSELKTMQDSVEDFKTKYEEEINKRTAAENDFVVLKKDVDAAYLNKVELEAKVDSLNDEINFLKVLY
DAELSQMQTHVSDTSVVLSMDNNRNLDLDSIIAEVRAQYEEIAQRSKAEAEALYQTKVQQLQISVDQHGD
NLKNTKSEIAELNRMIQRLRAEIENIKKQCQTLQVSVADAEQRGENALKDAHSKRVELEAALQQAKEELA
RMLREYQELMSVKLALDIEIATYRKLLEGEEYRMSGECQSAVSISVVSGSTSTGGISGGLGSGSGFGLSS
GFGSGSGSGFGFGGSVSGSSSSKIISTTTLNKRR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype:	AAV-2
ACCN:	NM_002272
ORF Size:	1782 bp
Buffer:	PBS with 0.001% Pluronic F8157
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_002272.2, NP_002263.2
RefSeq Size:	2576 bp
RefSeq ORF:	1563 bp
Locus ID:	3851
UniProt ID:	P19013
Cytogenetics:	12q13.13
MW:	63.7 kDa