

Product datasheet for **RC212859A1V**

Human Keratin 80 (KRT80) (NM_182507) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Keratin 80 (KRT80) (NM_182507) AAV Particle
Tag:	Myc-DDK
Symbol:	Keratin 80
Synonyms:	KB20
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212859 representing NM_182507
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCTGCCGCTCCTGCGTGGTTGGCTTCAGCAGCCTCAGCAGCTGTGAGGTGACCCCGGTGGGCAGCC
 CCCGGCCTGGAACCTCAGGATGGGACAGCTGCAGGGCCCCGGGCCGGGCTTCAGCTCCCGCAGCCTCAC
 AGGCTGCTGGTCGGCTGGCACTATCTCCAAGGTGACTGTGAACCCCGCCTGCTGGTGCCCTGGATGTC
 AAGTTGGACCCGCTGTTTCAGCAGCTGAAGAACCAGGAGAAGGAGGAGATGAAGGCCCTCAATGATAAAT
 TTGCTCCCTAATTGGCAAGGTGCAAGCCCTGGAACAGCGCAACCAGCTGCTGGAGACACGCTGGAGCTT
 CCTGCAGGGCCAGGACTCAGCCATCTTCGACCTCGGGCATCTCTATGAGGAATATCAGGGCCGGTGCAG
 GAGGAAGTGCCAAAGTGAAGCAGGAGCGGGGAGCTGGAGGCCAACCTGCTGCAGGTGCTGGAGAAGG
 TTGAGGAGTTTGAATCAGGTATGAGGATGAGATCTCCAAGCGCACAGACATGGAGTTACACCTTTGTTCA
 GCTGAAGAAGGACCTGGATGCAGAGTGTCTTCATCGGACTGAACTGGAACCAAGTTAAAAGCCTGGAG
 AGCTTCGTGGAGTTGATGAAAACCATCTATGAGCAGGAGCTGAAAGACCTGGCAGCACAGGTGAAGGATG
 TGTCGGTGACCGTCGGCATGGACAGCCGCTGCCACATCGACCTGAGCGGCATCGTGGAGGAGGTGAAGGC
 CAGTATGACGCCGTCGCGGCTCGCAGCCTGGAGGAGCCGAGGCATACTCTCGGAGCCAGCTGGAGGAG
 CAGGCCCGCCGCTCGGCCGAGTATGGGAGCAGCCTCCAGAGCAGCCGAGCGAGATCGCGGATCTCAATG
 TGCGCATCCAGAAGCTGCGGTCCAGATCTCTCTGTCAAGAGCCATTGCCTGAAACTGGAGGAGAACAT
 CAAGACAGCTGAGGAGCAGGGTGAAGTGGCCTTCCAGGATGCCAAGACCAAGCTGGCCCAGCTGGAGGCC
 GCCCTGCAGCAGGCCAAGCAGGACATGGCGCGCAGCTGCGCAAGTACCAGGAGCTGATGAACGTCGAAGC
 TGGCCCTGGACATCGAGATCGCCACCTACAGGAAGCTGGTGGAGGGCGAGGAGGGCAGGATGGACTCGCC
 CTCAGCCACTGTGGTCAGCGCTGTGCAAGTCCAGGTGCAAAACCGCTGCCTCCAGATCAGGCCTCTCCAAG
 GCCCCTCCCGAAGAAGAAGGGCAGCAAAAGGCCCGTATCAAATCACCGAAATGTCAGAGAAGTACT
 TCTCGCAGGAGTCGGAGGTCTCAGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MACRSCVVGFFSSLSSCEVTPVGSPPRGTSWDSRAPGPGFSSRSLTGCWSAGTISKVTVNPGLLVPLDV
 KLDPAVQQLKNQEKEEMKALNDKFASLIGKVQALEQRNQLLETRWSFLQGQDSAIIFDLGHLVEEYQGRLO
 EELRKVSQERQLEANLLQVLEKVEEFRIRYEDEISKRTDMEFTFVQLKKDLDAECLHRTLETETKLSLE
 SFVELMKTIIYEQLKDLAAQVKDVSVTVMDSRCHIDLSGIVEEVKAQYDAVAARSLEEAAYSRSQLEE
 QAARSAEYGSSLQSSRSEIADLNVRIQKLRSQLSVKSHCLKLEENIKTAEQELAFQDAKTKLAQLEA
 ALQQAKQDMARQLRKYQELMNVKLALDIEIATYRKLVEGEEGRMDSPSATVVSVAVQSRCKTAASRSGLSK
 APSRKKKSGKGPVIKITEMSEKYFSQESEVSE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_182507

ORF Size:

1356 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_182507.1</u>
RefSeq Size:	3411 bp
RefSeq ORF:	1359 bp
Locus ID:	144501
UniProt ID:	<u>Q6KB66</u>
Cytogenetics:	12q13.13
MW:	50.3 kDa