

Product datasheet for **RC204010A1V**

Human COL9A3 (NM_001853) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human COL9A3 (NM_001853) AAV Particle
Tag:	Myc-DDK
Symbol:	COL9A3
Synonyms:	DJ885L7.4.1; EDM3; IDD; MED
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204010 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCGGGCGCGCGCTGCGCCCCGCTCCTGCTCCTGCTCCTGCTCGGGGAGCTTCTGGCGGCCGCCG
GGGCGCAGAGAGTGGGACTCCCCGGCCCCCGGCCCCAGGGCCGCCGGGAAGCCCGCCAGGACGG
CATTGACGGAGAAGCTGGTCTCCAGGTCTGCCTGGGCCCCGGGACCAAGGGGGCCCGAGAAAGCCG
GGGAAACCAGGAGAGGCTGGGCTGCCGGGACTGCCGGGTGTGGATGGTCTGACTGGACGAGATGGACCCC
CTGGACCCAAGGGTGCCCTGGGGAACGGGAAGTCTGGGACCCCGGGGCCCGCGGTGGGGGGCAA
AGGCCTCCCTGGACCCCGGAGAGGCAGGAGTGAGCGGCCCCAGGTGGGATCGGCCTCCGCGCCCC
CCGGGACCTTCTGGAATCCCGGCTCCCTGGTCCCCAGGACCTCCCGACCCCTGGACACCCAGGAG
TCCTCCCTGAAGGCGCTACTGACCTTCAGTGCCCAAGTATCTGCCCGCAGGTCCCCAGGGCCCCCTGG
AATGCCAGGGTTCAAGGGACCCACTGGCTACAAAGGCGAGCAGGGGGAAGTCGGCAAGGACGGCGAGAAG
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GAGGACTGCCAGGGCCACTCGGGCCCCCTGGGGACCGGGTCCCATTGGGTTCCGAGGGCCGCTGGGAT
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GCAAGGACGGCCAGAATGGCGTGCCAGGACTCGATGGCCAGAAGGAGAGGCTGGTCGAACGGTGCTCC
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CGGGGCAGAGCTGGGGAGCTGGGTGAGGCCGGGCCCTCTGGAGAGCCAGGCGTCCCTGGAGATGCTGGCA
TGCTTGGGGAGCGCGTGAGGCTGGCCACCGGGCTCAGCGGGGGCCCTCGGCCACAAGGCCCTCCCGG
AGCCCCCTGGTGTCCGAGGCTTCCAGGGCCAGAAGGGCAGCATGGGAGACCCCGGCCTTCCAGGCCCCAG
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GTCCCCGGGCCCGGCTCTGCGCTGCAGGGCTCCCGGTGTTCTTGGCATCACGGGAAGCCGG
GAGTTCGGGGAAGGAGGCCAGCGAGCAGCGCATCAGGAGCTGTGTGGGGGATGATCAGCGAACAAT
TGCACAGTTAGCCGCGCACCTAAGGAAGCCTTTGGCACCCGGTCCATTGGTCGGCCCGGTCCAGCTGGC
CCCCCTGGGCCCCAGGACCCAGGCTCCATTGGTCACCTGGCGCTCAGGACCCCGGATACCGCG
GTCCCACTGGGGAGCTGGGAGACCCGGGCCAGAGGAAACAGGGTGACAGAGGAGACAAGGCGCGGC
AGGAGCAGGGCTGGACGGGCTGAAGGAGACCAGGGGCCCAAGGACCCAAAGGCGTGCCCGGCACACG
AAGGACGGCCAGGACGGTGTCTCCGGCGAGCTGGGCCTCCCGGAGATCCTGGGCTTCCAGGTGCCATTG
GGGCCAGGGGACACCGGGATCTGCGACACCTCAGCCTGCCAAGGAGCCGTGTTAGGAGGGTCCGGGA
GAAATCAGGCTCTCAAGCTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC204010 protein sequence Red=Cloning site Green=Tags(s) MAGPRACAPLLLLLLGELLAAGAQRVGLPGPPGPPGPKPGQDGEAGPPGLPGPPGPKGAPGKP GKPGEAGLPGLPGVDGLTGRDGPPGPKGAPGERGSLGPPGPPGLGGKGLPGPPGEAGVSGPPGGIGLRGP PGPSGLPGLPGPPGPPGPPGHPGVLPEGATDLQCPSICPPGPPGPPGMPGFKGPTGYKGEQGEVKGDEK GDPGPPGPAGLPGSVGLQGPRGLRGLPGPLGPPGDRGPIGFRGPPGIPGAPGKAGDRGERGPEGFRGPKG DLGRPGPKGTPGVAGPSGEPGMPGKDGQNGVPLDGQKGEAGRNGAPGEKGPNGLPGLPGRAGSKGEKGE RGRAGELGEAGPSGEPGVPGDAGMPGERGEAGHRGSAGALGPQGPAPGVRFQGGKGSMDPLPGPQ GLRGDVGDRPGGAAGPKGDQGIAGSDGLPGDKGELGPSGLVGPKGESGSRGELGPKGTQGPNGTSGVQG VPGPPGLGLQGVPGVPGITGKPGVPGKEASEQRIRELCGGMISEQIAQLAAHLRKPLAPGSIGRPGAP PPGPPGPPGSIGHPGARGPPGYRGPTGELGDPGPRGNQGDGDKGAAGAGLDGPEGDQGPQGPQGVPGTS KDGQDGAPGEPGPPGDPGLPGAIGAQTGICDTSACQGAVLGGVGEKSGSRSS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001853
ORF Size:	2052 bp
Buffer:	PBS with 0.001% Pluronic F5515
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_001853.2</u>
RefSeq Size:	2485 bp
RefSeq ORF:	2055 bp
Locus ID:	1299
UniProt ID:	<u>Q14050</u>
Cytogenetics:	20q13.33
MW:	63.6 kDa