

Product datasheet for **RC220535A1V**

Human COL23A1 (NM_173465) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human COL23A1 (NM_173465) AAV Particle
Tag:	Myc-DDK
Symbol:	COL23A1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC220535 representing NM_173465
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGGCCCAGGCGAGCGCGCGGTGGCGCGGCGACGCGGGAAGGGCAATGCGCGGGCGGCGGCGCG
 GAGGGCGCTCGGCGACGACGGCCGGTCCCGGGCGGTGAGCGCGCTGTGCCTGCTCTCCGTGGGCTC
 GGCGGCTGCTGCTGCTGCTGGGTGTCCAGGCGGCGCGCTGCAGGGCCGGGTGGCGGCGCTCGAGGAG
 GAGCGGGAGCTGCTGCGGCGCGGGGCCGCCAGGCGCCCTGGACGCCTGGGCCGAGCCGACCTGGAGC
 GCCTGCTGCGGGAGAAGTTGGACGGAAGTCCGGAAGCTGCTCGGAAGCTCCATCCGAATGTGT
 CTGCCCCCAGGGCCCCCTGGACGGCGCGGCAAGCCTGGGAGAAGAGGCGACCTGGTCTCCAGGGCAA
 TCAGGACGAGATGGCTACCCGGGACCCCTGGGTTTGGATGGCAAGCCCGGACTTCCAGGCCCCAAAGGG
 AAAAGGGTGCACCAGGAGACTTTGGCCCCGGGGAGACCAAGGACAAGATGGAGCTGCTGGGCTCCGGG
 GCCCCCTGGACCTCCTGGGGCCCGGGCCCTCCTGGCGACACTGGGAAAGATGGCCCCAGGGGAGCAAA
 GGCCACAGCGGGCCCCAAAGGAGAGCCCGGACAAGACGCGGAGATGGGCCAAAGGACCCCGAGGGCCCA
 AGGGTGAGCCTGGAGTACCTGGAAGAAGGGCGACGATGGGACACCAAGCCAGCCTGGACCACAGGGCC
 CAAGGGCGAGCCAGGGAGCATGGGGCTCGGGGAGAGAACGGTGTGGACGGTGCCCCAGGACCGAAGGG
 GAGCCTGGCCACCGAGGACGGATGGAGCTGCAGGGCCCCGGGTGCCCGAGCCTCAAGGGCGAGCAGG
 GAGACACAGTGGTGATCGACTATGATGGCAGGATCTTGGATGCCCTCAAGGGGCCCTCCGGACACAGGG
 GCCCCAGGGCCACAGGGATCCCTGGAGCCAAGGGCGAGCTTGGATTGCCCGGTGCCCGAGGAATCGAT
 GGAGAGAAGGGCCCCAAAGGACAGAAAGGAGACCCAGGAGAGCCTGGGCCAGCAGGACTCAAAGGGGAAG
 CAGGCGAGATGGGCTTGTCCGGCTCCCGGGCGCTGACGGCCTCAAGGGGAGAAGGGGGAGTCGGCGTC
 TGACAGCCTACAGGAGAGCCTGGCTCAGCTCATAGTGGAGCCAGGGCCCCCTGGCCCCCTGGCCCCCA
 GGCCCGATGGGCTCCAGGGAATCCAGGGTCCCAAGGGCTTGGATGGAGCAAAGGGAGAGAAGGGTGCCT
 CGGGTGAGAGAGGCCCGAGCGGCTGCCTGGGCCAGTTGGCCACCGGGCCTATTGGGCTGCCAGGAAC
 CAAAGGAGAGAAGGGCAGACCCGGGGAGCCAGGACTAGATGGTTTCCCTGGACCCCGAGGAGAGAAGGT
 GATCGGAGCGAGCTGGAGAGAAGGGAGAACGAGGGTCCCGGCCGGAAGGAGTGAAGGGCCAGAAGG
 GCGAGCCGGGACCACAGGCCTGGACCAGCCGTGTCCTGGGCCCGACGGGCTGCCTGTGCTGGCTG
 CTGGCATAAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MGPGERAGGGDAGKGNAAGGGGGRSATTAGSRAVSALCLLLSVGSAAACLLLVQVQAAALQGRVAAL
 ERELLRRAGPPGALDAWAEPHLERLLREKLDGLAKIRTAREAPSECVPPGPPGRRGKPGRRDPGPPGQ
 SGRDGYPGPLGLDGKPLPGPKGEKGAAGDFGPRGDQGDGAAGPPGPPGPPGARGPPGDTGKDGPRGAQ
 GPAGPKGEPGQDGEKGGPPGPKGEPGVPKGGDDGTPSQPGPPGPKGEPGSMGPRGENGVGAPGPKG
 EPGHRGTDGAAGPRGAPGLKGEQDQTVVIDYDGRILDALKGPPGPQGPPIPGAKGELGLPGAPGID
 GEKGPKGQKGDGEPGAPGLKGEAGEMGLSGLPGADGLKGEKGESASDSLQESLAQLIVEPGRP
 GPMGLQGIQPKGLDGAKGEKASGERGPSGLPGVPPGLIGLPGTKGEKGRPGEPGLDGFPGPRGEK
 DRSERGEKGERGVPGRKGVKQKGEPPGLDQPCVGPDPGLVPGCWHK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_173465

ORF Size:	1620 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_173465.2</u>
RefSeq Size:	3067 bp
RefSeq ORF:	1623 bp
Locus ID:	91522
UniProt ID:	<u>Q86Y22</u>
Cytogenetics:	5q35.3
MW:	51.8 kDa