

Product datasheet for **RC202240A1V**

Human COL8A1 (NM_020351) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human COL8A1 (NM_020351) AAV Particle
Tag:	Myc-DDK
Symbol:	COL8A1
Synonyms:	C3orf7
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202240 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTGTGCTGCCTGGCCCTCTGCAGCTGCTGGGAGTGCTGCTTACCATTTCCCTGAGTTCCATCAGGC
TCATTCAGGCTGGTGCTACTATGGGATCAAGCCGCTGCCACCTCAAATTCCTCCTCAGATGCCACCACA
AATTCACAATACCAGCCCTGGGTGAGCAAGTACCTCACATGCCTTTGGCCAAAGATGGCCTTGCCATG
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AACCGGCGCCAAGAATGGGCAAGGAAGCCGTACCCAAGAAAGGCAAGAAATACCATTAGCCAGTTTACG
AGGGGAACAAGGTCCCGTGGAGAGCCTGGCCCAAGAGGACCACCTGGGCCCCCTGGTTTGCCAGGTCAT
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AGGTGTACCAGGACTCCTGGTGTCCAGGGCTTCTCGGACCTAAGGAGAGCCAGGAATCCAGGGGAT
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CCCCCAGGCCCTCCAGGACCTCCAGGACCCCAAGCTGTGATGCCCCCTACACCACCACCCAGGGAGAGT
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GAATGGAGGGCCAGCCTATGAGATGCCTGCATTACCGCCGAGCTAACCACACCTTTCCACCGGTGGGG
GCCCCAGTGAAGTTTAACTGCTGTATAACGGCAGACAGAACTACAACCCGAGACAGGCATCTTCA
CCTGTGAGGTCCCTGGTGTCTACTACTTTGCATACCACGTTCACTGCAAGGGGGCAACGTGTGGGTTGC
TCTATTCAAGAACACGAGCCCGTGATGTACACGTACGACGAGTACAAAAAGGGCTTCTGGACCAGGCA
TCTGGGAGTGAGTGCTGCTCAGGCCCGGAGACCGGGTGTTCCTCCAGATGCCCTCAGAACAGGCTG
CAGGACTGTATGCCGGCAGTATGTCCACTCTCCTTTTTCAGGATATTTATTGTATCCCATG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC202240 protein sequence Red=Cloning site Green=Tags(s) MAVLPGPLQLLGVLTTISLSSIRLIQAGAYYGIKPLPPQIPPQMPPQIPQYQPLGQQVPHMPLAKDGLAM GKEMPHLQYGKEYPHLPQYMKEIQAPRMGKEAVPKKGKEIPLASLRGEQGPRGEPGPRGPPGPPGLPGH GIPGIKGPQPGYQYGVGKPGMPGMPGKPGAMGMPGAKGEIGQKGEIGPMGIPGPQGGPHGLPGIGKP GGPGLPGQPGPKGDRGPKGLPGPQGLRGPKGDKGFGMPGAPGVKGPPGMHGPPGPVGLPGVGKPGVTGFP GPQGGPLGKPGAPGEPGPQGPVGVQGGPPGIPGIGKPGQDGIQGPQGFPGGKGEQGLPGLPGPPGLPGI GKPGFPGPKGDRMGGVPGALGPRGEKGPVIGAPGIGGPPGEPGLPGIPGPMGPPGAIGFPGPKGEGGIVG PQGGPPGKGEPLQGFPKPGFLGEVGGPPMRGLPGPIGPKGEAGQKGVPLPGVPGLLGPKGEPGIPGD QGLQGGPPGIPGIGGSPGIPGPPGIPGPKGEPGLGPPGFGIGKPGVAGLHGPPGKPGALGPQQPGPLPG PPGPPGPPGPPAVMPPTPPPQGEYLPDMGLGIDGVKPPHAYGAKKGKNGGPAYEMPAFTAELTAPFPPVG APVKFNKLLYNGRQYNPQTGIFTCEVPGVYFYFAYHVKCKGGNVVVALFKNNEPVMYTYDEYKKGFLDQA SGSAVLLLRPGDRVFLQMPSEQAAGLYAGQYVHSSFSGYLLYPM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_020351
ORF Size:	2232 bp
Buffer:	PBS with 0.001% Pluronic F5307
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_020351.2
RefSeq Size:	3029 bp
RefSeq ORF:	2235 bp
Locus ID:	1295
UniProt ID:	P27658
Cytogenetics:	3q12.1
MW:	73.4 kDa