

Product datasheet for **RC216003A1V**

Human COL8A2 (NM_005202) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human COL8A2 (NM_005202) AAV Particle
Tag:	Myc-DDK
Symbol:	COL8A2
Synonyms:	FECD; FECD1; PPCD; PPCD2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216003 representing NM_005202
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTGGGGACTCTGACACCCCTGTCTTCGCTGCTGCTGCTACTGGTGCTGGTGCTGGGGTGTGGGC
 CGCGGGCGTCCTCTGGTGGCGGGGCCGGTGGGGCAGCGGGCTATGCCCCAGTGAAGTACATCCAGCCCAT
 GCAGAAAGGACCTGTGGGACCGCCCTTCGTGAGGGCAAAGGCCAGTACCTGGAATGCCTCTACCGCTG
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 CTGGCTTCCCAGGAAAACAGGCATGGGAAAGCCAGGACTCCATGGGCAGCCTGGCCCTGCTGGGCCCCC
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 CGGGCCCCCTCAGGCATTACTATCCCTGGAAGAACAGGTGCCCAAGGGGTGCCAGGGCCCCCAGGATTCCA
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 CCCCTGGGCCTAAGGGTGAGGCAGGGCCTGGAGACCCCAAGGAGTGCCTGGCATTGAGGTGACCAGGG
 GCCTAGTGGCCTGGCTGGGAAACAGGGGTCCCAGGTGAGAGGGGACTTCTGGGGCCCATGGACCCCT
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 TGAGACTGGCATCGCAGGCTTGACCTGCCAACGGCGGTGTGGAGGGTGCCGTGCTGGCAAGGGGGGC
 AAGCCACAGTTTGGGCTGGGCGAGCTGTCTGCCATGCCACACCGGCCTTCACTGCGGTGCTCACCTCGC
 CCTTCCCCGCCTCGGGCATGCCCGTGAATTTGACCGGACTCTCTACAATGGCCACAGCGGCTACAACCC
 AGCCACTGGCATCTTACCTGCCTGTGGGCGGCGTCTACTACTTTGCTTACCATGTGCACGTCAAGGGC
 ACCAACGTGTGGGTGGCCCTGTACAAGAACAACGTGCCGGCCACCTATACCTACGATGAGTACAAGAAGG
 GCTACCTGGACCAGGCATCTGGTGGGGCCGTGCTCCAGCTGCGGCCAACGACCAGGTCTGGGTGCAGAT
 GCCGTGCGGACCAGGCCAACGGCCTCTACTCCACGGAGTACATCCACTCCTCCTTTTCAGGATTCTTGCTC
 TGCCCCACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC216003 representing NM_005202 Red=Cloning site Green=Tags(s) MLGTLTPLSSLLLLLLVLVLCGPRASSGGGAGGAAGYAPVKYIQPMQKGPVGPFPFREGKGQYLEMPLPL LPMDLKGEPGPPGKPGPRGPPGPPGFPGKPGMGKPGGLHGQPGPAGPPGFSRMGKAGPPGLPGKVGPPGQP GLRGEPGIRGDQGLRGPPGPPGLPGPSGITIPGKPGAQGVPPGPFQGEPPGQGEPPGDRGLKGDNGV GQPLPGAPGQGGAPGPPGLPGPAGLGKPGLDGLPGAPGDKGESGPPGVPGRGEPGAVGPKGPPGVDGV GVPGAAGLPGPQGPSGAKGEPGTRGPPGLIGPTGYGMPGLPGPKGDRGPAGVPGLLGDRGEPGEDGEPGE QGPQGLGGPPGLPGSAGLPGRRGPPGPKGEAGPGGPPGVPGIRGDQGPSGLAGKPGVPGERGLPGAHGPP GPTGPKGEPGFTGRPGPGVAGALGQKGDGLPGQPLRGPSGIPGLQGPAGPIGPQGLPGLKGEPGLPG PPGEGRAGEPGTAGPTGPPGVPGPSGITGPPGPPGPPGPPGAPGAFDETGIALHLNNGVEGAVLGKGG KPQFGLGELSAHATPAFTAVLTSPFPASGMPVKFDRTL YNGHSGYNPATGIFTCPVGGVYFYAYHVHVKG TNVWVALYKNNVPATYTYDEYKKG YLDQASGGAVLQLRPNDQVWVQMPDQANGLYSTEYIHSSFSGFL CPT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005202
ORF Size:	2109 bp
Buffer:	PBS with 0.001% Pluronic F7471
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_005202.1
RefSeq Size:	4443 bp
RefSeq ORF:	2112 bp
Locus ID:	1296
UniProt ID:	P25067
Cytogenetics:	1p34.3
MW:	67.24 kDa