

Product datasheet for **RC217122A1V**

Human COL13A1 (NM_005203) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human COL13A1 (NM_005203) AAV Particle
Tag:	Myc-DDK
Symbol:	COL13A1
Synonyms:	alpha 1 type XIII collagen; collagen, type XIII, alpha 1; collagen alpha-1(XIII) chain; COLXIII A1; FLJ42485; OTTHUMP00000060587
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC217122 representing NM_005203
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

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GGACGGTGGCTCTGGTGGCGGCCGGGCGGAGCGCGGCCACGGCTGCCGAGTCCAGGGTCGTGCGGGCT
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CGGGTGTGCGCCTGGAAGCGGAGCGCGGGGAGCAGAAATGGAGACGGCTATTTTGGGACGAGTCAATC
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AGACCGTGGTCCCTGGGACTACCCGGAGCTTCAGGTTTGGACGGCAGGCTGGGCCACCGGGTACTCCA
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CAGGACCAACGGGAGCAGCTGGGCTTCTGTTTACATGGACCACCGGGGACAAGGGAACCGGGGGGA
GAGGGGAAGAAAGGCTCTAGAGGGCTAAAGGGGATAAGGGAGACCAAGGAGCGCTGGATTAGATGCC
CCCTGCCCATTTGGGCGAAGATGGCTTACCAGTCCAAGGCTGCTGGAACAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC217122 representing NM_005203 Red=Cloning site Green=Tags(s) MVAERTHKAAATGARGPGELGAPGTVALVAARAERGARLPSPGSCGLLTLALCSLALSLLAHFRTAELQA RVLRLAEERGEQQMETAILGRVNQLLDEKWLHSRRRREAPKTPSPGCNCPAFQGPTGRPLPGDKGAIG MPGRVGSPPDAGLSIIIGPRGPPGQPTRGFPGFPGPIGLDGKPGHPGPKGDMGLTGPPGQPGQKGEK GQCGEYPHRECLSSMPAALRSSQIIALKLLPLLSVRLAPPPVIKRRTFQGEQSASIQGPPGPPGPPG SGPLGHPGLPGPMGPPGLPGPPGPKGDPGIQGYHGRKGERGMPGPKHGAKGAPGIAVAGMKGEPGIPG TKGEKGAEGSPGLPGLLGQKGEKGDAGNSIGGGRGEPGPPGLPGPPGPKGEAGVDGQVGGPPGQPGDKGER GAAGEQPGDGPKGSKGEPGKGMVDYNGNINEALQEIRTLALMGPPGLPGQIGPPGAPGIPGQKGEIGLP GPPGHDGEKGRKPGDMGPPGQPGPKDGPPGVKGENGHPGSPGEKGEKGETGQAGSPGEKGEAGEKG NPGAEPVPLPGPEGPPGPPGLQGVPGKGEAGLDGAKGEKGFQGEKGDGRLGLPGASGLDGRPGPPGTP GPIGVPGPAGPKGERGSKGDPGTMGTGAAGLPGLHGPPEGDKGNRGERGKKGSRGPKGDKGDQAGPLDA PCPLGEDGLPVQGCWNK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005203
ORF Size:	2151 bp
Buffer:	PBS with 0.001% Pluronic F7644
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_005203.3, NP_005194.3</u>
RefSeq Size:	3136 bp
RefSeq ORF:	2153 bp
Locus ID:	1305
Cytogenetics:	10q22.1
MW:	69.9 kDa