

Product datasheet for **RC207981A1V**

Human COG6 (NM_020751) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human COG6 (NM_020751) AAV Particle
Tag:	Myc-DDK
Symbol:	COG6
Synonyms:	CDG2L; COD2; SHNS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207981 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGCAGAGGGCAGCGGGAAGTGGTCGAGTGTCTGCGACCGGGCTGCCAACGGCCTCAACAATGGG
CAGGCGGGACCTCGGCGACGACCTGCAACCCGCTGTGCGCAAGCTGCATAAGATCCTGGAGACGCGCT
GGACAACGACAAGGAGATGTTAGAAGCTCTCAAGGCACCTTCAACCTTTTTTGTGAAAAAGTCTGCGG
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TCAAGGAAGTGAAGGAGGAATTGAAAGCATAAGCGAAGATGTTCAAGCAATGAGCAACTGTTGCAAGA
TATGACAAGTCGCTACAGGCAGCAAAGGAACAGACTCAAGATTTAATAGTAAAAACCACTAAGCTTCAA
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TATATAAAATTTCTAATCTCCTCAAATTTTATCACCATAAATCAGTGGTATTGTTGAAATAGTGCAAC
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TATTTGAATTCAGTACAGACGTCTGGAATGCTACAGTTTCAGATCGAAGCACATTTGGACACACTTAT
AAATGAGCAAGCCTCTTATGTTTAACTAGGTAGGCTTGAGTTACATCTATAACACTGTACAGCAACAT
AAACCTGAACAGGCTCTTTAGCTAATATGCCCAACCTAGATTCTGTGACACTGAAGGCTGCAATGGTTC
AGTTTGATCGTTATCTGTGAGCCCGAGCAACCTATTGATACCACAGCTGAACCTTCTTCTAAGTGCCAC
AGTGAAAGAGCAGATCGTAAAAAATCTACAGAATTAGTCTGCAGAGCCTATGGTGAAGTGTATGCAGCC
GTGATGAATCCAATCAATGAATACAAAGATCCAGAGAACATTCTCACCGATCGCCGAGCAAGTGCAGA
CGCTTCTTTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC207981 protein sequence Red=Cloning site Green=Tags(s) MAEGSGEVVAVSATGAANGLNNGAGGTSATTCNPLSRKLHKILETRLNDKEMLEALKALSTFFVENSRL TRRNLRGDIERKSLAINEEFVSIFKEVKEELESISEDVQAMSNCQDMTSRLQAAKEQTQDLIVKTTKLQ SESQKLEIRAQVADAFLSKFQLTSDMSLLRGTRGPITEDFFKALGRVKQIHNDVKVLLRTNQQTAGLE IMEQMALLQETAYERLYRWAQSECRTLQESCDVSPVLQAMEALQDRPVLKYTLDEFGTARRSTVVRG FIDALTRGGPGGTPRPIEMHSHDPLRYVGDMWLHQATASEKEHLEALLKHVTTQGV EENIQEVVGHIT EGVCRPLKVRIEQVIVAEPGA VLLYKISNLLKFYHHTISGIVGNSATALLTTIEEMHLLSKKIFFNSLSL HASKLMDKVELPPPDLPSSALNQTLMLLREVLASHDSSVPLDARQADFVQVLSVLDPLLQMCTVSAS NLGTADMATFMVNSLYMMKTTLALFEFTDRRLEMLQFQIEAHLDTLINEQASYVLTRVGLSYIYNTVQQH KPEQGSLANMPNLD SVTLKAAMVQFD RYL SAPDNLLIPQLNFLLSATVKEQIVKQSTELVCRAYGEVYAA VMNPINEYKDPENILHRSPQQVQTLLS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_020751
ORF Size:	1971 bp
Buffer:	PBS with 0.001% Pluronic F6178
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_020751.1, NP_065802.1</u>
RefSeq Size:	3627 bp
RefSeq ORF:	1974 bp
Locus ID:	57511
UniProt ID:	<u>Q9Y2V7</u>
Cytogenetics:	13q14.11
MW:	73.3 kDa