

Product datasheet for **RC204855A1V**

Human COG2 (NM_007357) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human COG2 (NM_007357) AAV Particle
Tag:	Myc-DDK
Symbol:	COG2
Synonyms:	CDG2Q; LDLC
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC204855 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGAGAAAAGTAGGATGAACCTGCCAAGGGCGGACACGCTCTGCTTCGACAAGGACGAGTTCATGA
AGGAAGATTTTCGATGTCGATCATTTTGTGTCTGACTGTAGGAAGCGGGTCCAGCTGGAAGAACTGAGAGA
TGACCTGGAGCTCTACTATAAACTTCTTAAACAGCCATGGTCGAACTCATCAACAAGGATTATGCAGAT
TTTGTCAATCTTCAACAACTTGTTGGCATGGACAAAGCCCTCAACCAGCTTTCTGTGCCTTTGGGAC
AATTACGAGAAGAGGTTCTGAGCCTTAGATCGTCTGTCAGTGAAGGAATTCGGGCAGTTGATGAACGAAT
GTCTAAACAAGAGGACATTAGGAAAAAAGATGTGTGATTGAGGCTTATACAAGTTATTCGGTCAGTT
GAGAAAATTGAAAAATCTTAACTCTCAAAGTTCTAAAGAACTCTGCACTAGAAGCAAGCAGCCCCC
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CAAAGGCATGCCTCTTTGGACAAAGTAAGACCGGTATAGCTGGCATTACAGCCATGTTACAGCAGTCA
CTGGAAGGTCTCCTATTAGAAGGCCTCAGACGTCTGACGTGATATAATACGGCACTGCTTGGCGACTT
ACGCCACGATTGACAAGACACGGGACGCGGAGGCCCTAGTTGGCCAAGTACTAGTGAAACCATACATAGA
CGAGGTGATTATAGAGCAGTTTGTGAATCTCATCCCAATGGCCTTCAGGTCAATGATAAATAAATCCTG
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ACAGCTTCAATAAGAAGTGGAACCTTGCTGTTTATTTTCAAATAAGATTAGAGAAATAGCGGGATCCTT
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TGTATGTGGTTGCAGACCTGGACAAGCTTCAGGAGCAGCTTCAGAACTCTTGGAAATAATCAAGCCAAA
ACTTGAATGATTGGCTTTAAGAATTTTCTTCTATCTCAGCAGCCCTGGAGGACTCCCAGAGCTCTTTT
TCAGCCTGTGTGCCCTCCTTGAGTAGCAAGATCATCCAGGATTTAAGTACTCTTGCTTCGGTTTCCTAA
AAAGCGCCTGGAGGTTCCAGGCTTTACCGAAGAACCAATAAGGAGGTCCCAACCACAGCTTCCTCCTA
TGTGGACAGTGTCTGAAGCCCTTATTCAGCTTCAGAGCGGACACAAGGATAAGCTCAAACAAGCAATA
ATTCAGCAGTGGCTAGAAGGCACTCTCAGTGAAGCACTCATAAGTACTATGAAACCGTGTGAGATGTAT
TAACTCTGTGAAGAAGATGGAAGAGAGCCTGAAAAGGCTGAAACAAGCCAGAAAAACCACTCCCGCCAA
CCCCGTCGGTCCAGTGGTGGCATGAGCGACGACGACAAAATCAGGCTGCAGTTGGCCCTAGATGTTGAG
TACTTGGGAGAGCAGATACAAAAGTTGGGACTACAAGCAAGTGACATAAAAAGCTTCTCAGCTCTCGCAG
AGCTTGTGCTGCTGCCAAGGACCAGGCAACAGCAGAGCAGCCT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC204855 protein sequence Red=Cloning site Green=Tags(s) MEKSRMNLPGPDTLCFDKDEFMKEDFDVDHFVSDCRKRVQLEELRDDLELYYKLLKTAMVELINKDYADFVNLSTNLVGMDKALNQLSVPLGQLREEVLSLRSSVSEGIRAVDERMSKQEDIRKKKMCVLRLIQVIRSV EKIEKILNSQSSKETSALAEASSPLL TGQILERIATEFNQLQFHAVQSKGMPLLDKVRPRIAGITAMLQQS LEGLLLEGLQTSDDVDIIRHCLRTYATIDKTRDAEALVGQVLVKPYIDEVIEQFVESHPLQVVMYNKLL EFVPHHCRLREVTGGAISSEKNTVPGYDFLVNSVWPQIVQGLEEKLP SLFNP GNPDAFHEKYTISMDF VRRLEQCQSQASVKRLRAHPAYHSFNKKWNLPVYFQIRFREIAGSLEAALTDVLEDAPAESPYCLLASH RTWSSLRRCSDEMFLPLL VHLRLWRLTLQILARYSVFVNELSLRPI SNESPKI KPLVTGSKEPSITQG NTEDQSGSPSETKPVVISRTQLVYVVADLDKLQEQLPELLEI IKPKLEMIGFKNFSSISAALEDSQSSF SACVPSLSSKIIQDLSDSCFGFLKSALEVPRLYRRTNKEVPTTASSYVDSALKPLFQLQSGHKDKLKQAI IQQWLEGLTSESTHKYYETVSDVLNSVKMEESLKRLKQARKTTPANVGPSSGMSDDDKIRLQLALDVE YLGEQIQKLGQASDIKSFSALAE LVAAAKDQATAEQP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_007357
ORF Size:	2214 bp
Buffer:	PBS with 0.001% Pluronic F5610
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_007357.1</u>
RefSeq Size:	2977 bp
RefSeq ORF:	2217 bp
Locus ID:	22796
UniProt ID:	<u>Q14746</u>
Cytogenetics:	1q42.2
MW:	83.2 kDa