

Product datasheet for **RC209004A1V**

Human Coiled coil domain containing protein 111 (PRIMPOL) (NM_152683) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Coiled coil domain containing protein 111 (PRIMPOL) (NM_152683) AAV Particle
Tag:	Myc-DDK
Symbol:	Coiled coil domain containing protein 111
Synonyms:	CCDC111; MYP22; Primpol1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209004 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAATAGAAAATGGAAGCAAACTGAAGCAAATGAAGAACGAGCATCTCATTATGAGAGGAAACCGT
 TGTCCTCAGTGTATAGACCAAGATTGTCCAAGCCAGAAGAACCACCTCCATCTGGAGACTATTTTCATCG
 ACAAGCTCAAGCTTTTAAATTTGTTAAAGCTGTAAAGAAGACGTTTCATGTATTTGCTTTGGAATGCAAA
 GTAGGAGATGGACAACGTATTTACCTTGACAACTATGCTGAATTTGGTTTTACTATAAATCCAGAA
 AAAATCTCTTACACTGCTATGAAGTTATTCCTGAAAAATGCTGTGTGCAAGCTTTATTTGATTTGGAATT
 TAACAAACCTGCCAACCCAGGAGCTGATGGGAAAAAGATGGTTCATTACTCATTGAGTATGTGTGTA
 GCATTTCAAGAGTTATACGGTGTTAATTGCTCAGCTGAAGATGTTTGAAGTTGGATTCTAGCACTGATG
 AAAAATTCAGCCGGCATTTAATATTTTCAGCTCCATGATGTGGCATTAAAGATAATATTCATGTTGGTAA
 TTTTTTGAGAAAAATTTGACGCTGCTTTGACTTGCTTGGCAGTGAAGATGATGATAGCGCTCCAGAG
 ACAACAGGCCATGGATTTCCCATTTTTTCAGAAGCACCTGCAAGACAAGGATTTCTTTCAATAAAATGT
 TCACAGAAAAGGCTACAGAGGAAAGCTGGACATCGAATTCAAAGAAACTGGAGAGGCTGGGGTCAGCTGA
 GCAAAGCAGTCTGACCTTTCTTTCTAGTTGTGAAGAATAACATGGGAGAGAAGCATCTTTTGTAGAT
 CTCGGAGTTTATACAAGAAATAGAACTTTTCGGCTATATAAATCATCAAAATTTGAAAGCGTGTGGCTT
 TGGAGGTTACTGAAGATAACAAATTTTTCTATACAGTCAAAAGATGTTTCTGACGAATATCAATATTT
 TCTCTCTCTTTGGTCAGCAATGTCAGGTTCTCAGATACTTTACGAATCTTACATGTGAGCCATCTCAG
 AATAAACAAAAAGGAGTTGGATATTTTAAACAGTATCGGCATTCAGTAGAAACCATTGAAGGTTTTCAGT
 GTTCTCCCTATCTGAAGTTGATCATTTTGTCTTTCTTGGTGAATAAAGATGGCATTAAAGGAGGAAT
 TCGGCGTTGGAAGTACTTTTCCAGAAAGAAATTAAGTGGTTTATGATATTTGAAATATCGGTGGTGTGAA
 AACATTGGAAGAGCCATAAGAGTAATAATATAATGATTCTGGTTGATCTGAAAAATGAAGTTTGGTATC
 AAAATGTGATGACCTGTATGTAAAGCAGAAACTTCAAATCTGACTGTTTCCATTACCTGCTGAAGT
 ATGTCTCTGTTCTTTTCAAAGAGGAAGAAGAGTTTACAACAGATGAAGCAGATGAACTAGGAGCAAT
 GAAACCCAGAATCCTCATAAACCACCTAGCAGGCTGTCAACAGGTGCATCTGCTGATGCTGTCTGGG
 ATAATGGCATTGATGATGCTTATTTTTAGAAGCTACTGAAGATGCTGAATTAGCTGAAGCTGCAGAGAA
 CAGTCTTCTCAGTTATAACAGTGAAGTGGATGAAATTCCTGATGAATAATTATAGAAGTATTACAAGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209004 protein sequence
 Red=Cloning site Green=Tags(s)

MNRKWEAKLKQIEERASHYERKPLSSVYRPLSKPEEPPSIWRLFHRQAQAFNFVKSKEDVHVFALCK
 VGDGQRIYLVTTIAEFWFYKSRKNLLHCYEVIPENAVCKLYFDLEFNKPANPGADGKKMVALLEIYVCK
 ALQELYGVNCSAEDVLNLDSTDEKFSRHLIFQLHDVAFKDNHVGNFRLRKILQPALDLLGSEDDSAPE
 TTGHGPHFSEAPARQGFNFNMFTKATEESWTSNSKKLERLSAEQSSPDLSFLVVKNNMGEKHLFVD
 LGVYTRNRNFRLYKSSKIGKRVLEVTEENKFFPIQSKDVSDEYQYFLSSLVSNVRFSDTLRILTCPEPSQ
 NKQKGVGYFNSIGTSVETIEGFQCSPEVDHFLVSLVNKDGKGGIRRWNYFFPEELLVYDICKYRWCE
 NIGRAHKSNNIMILVDLKNEVWYQKCHDPVCKAENFKSDCFPLPAEVCLLFLKEEEFTTDEADETRNS
 ETQNPHKPSPSRLSTGASADAVWDNGIDDAYFLEATEDAELAEAAENSLLSYNSEVDEIPDELIIEVLQE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_152683

ORF Size:	1680 bp
Buffer:	PBS with 0.001% Pluronic F68
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_152683.1</u>
RefSeq Size:	2311 bp
RefSeq ORF:	1683 bp
Locus ID:	201973
UniProt ID:	<u>Q96LW4</u>
Cytogenetics:	4q35.1
MW:	64.4 kDa