

Product datasheet for **RC200872A1V**

Human GCP4 (TUBGCP4) (NM_014444) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GCP4 (TUBGCP4) (NM_014444) AAV Particle
Tag:	Myc-DDK
Symbol:	TUBGCP4
Synonyms:	76P; GCP-4; GCP4; Grip76; MCCRP3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC200872 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

 ATGATCCACGAACTGCTCTTGGCTCTGAGCGGGTACCCTGGGTCCATTTTCACCTGGAACAAGCGGAGTG
GCCTGCAGGTATCGCAGGACTTCCCTTTCTCCACCCAGTGAGACCAGTGTCTGAATCGACTCTGCCG
GCTCGGCACAGACTATATTGCTTCACTGAGTTCAATTGAACAGTACACGGGCCATGTGCAACAGCAGGAT
CACCATCCATCTCAACAGGGCCAAGGTGGTTACATGGAATCTACCTGCGGGCCTTCTGCACAGGGCTGG
ATTCTGTTTTGCAGCCTTATCGCAAGCACTGCTTGATTTGGAACAAGAGTTCTGGGTGATCCCCATCT
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ACACAGCTCAACACATGTTGAAAACACCACCCACTGCAGTAAGTGAAGCATGATGTAATGTGGCCTTTCA
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GTCTCAGTTCTCCAGCTGCTTCATCAGATCAATTCTACCCGAGACTTTGAAAGCATCCGATTGGCTCAT
GACCACTTCTGAGCAATTTGCTGGCTCAATCCTTTATCCTATTGAAACCTGTGTTTCACTGCCTGAATG
AAATCCTAGATCTCTGTACAGTTTTTGTTGCTGGTCACTCAGAACCTAGGCCCACTGGATGAGCGTGG
AGCCGCCAGCTGAGCATTCTCGTGAAGGGCTTACGCCCACTCTTCACTCCTGTTCAAGATTCTCTCC
AGTGTTCGGAATCATCAGATCAACTCAGATTGGCTCAACTACTGTTACGACTAGATTATAACAAATACT
ATACCCAGGCTGGTGAAGTCTGGGCAGTTTCGGGATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC200872 protein sequence Red=Cloning site Green=Tags(s) MIHELLLALSGYPGSIFTWNKRSLQVSQDFPFLHPSETSVLNRLCRLGTDYIRFTEFIEQYTGHVQQQD HHPSSQGGGLHGIYLRACFTGLDSVLQPYRQALLDLEQEFGLGDPHLSISHVNYFLDQFQLFPSVMVVV EQIKSQKIHGCIETVYKHSCGGLPPVRSALKILAVCHGVMYKQLSAWMLHGLLLDQHEEFFIKQGPS SGNVSAQPEEDEDLGIGGLTGKQLRELQDLRIEEENMLAPSLKQFSLRVEILPSYIPVRVAEKILFVG ESVQMFENQNVNLRKGSILKNQEDTFAAELHRLKQQPLFSLVDQFQVVDRIIRSTVAEHLWKLMEESDL LGQLKIIKDFYLLGRGELFQAFIDTAQHMLKTPPTAVTEHDVNVAFQSSAHKVLDDDDNLLPLLHTIEY HGKEHKDATQAREGPSRETSPREAPASGWAALGLSYKVQWPLHILFTPAVLEKYNVVFYLLSVRRVQAE LQHCWALQMQRKHLKSNQTDIAKWRLRNHMAFLVDNLQYYLQVDVLESQFSQLLHQINSTRDFESIRLAH DHFLSNLLAQSFILLKPVFHLNEILDCHSFCSLVSQNLGPLDERGAAQLSILVKGFSRQSSLLFKILS SVRNHQINSDLAQLLLRLDYNKYTTQAGGTLSFGM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_014444
ORF Size:	1998 bp
Buffer:	PBS with 0.001% Pluronic F5121
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_014444.2</u>
RefSeq Size:	4178 bp
RefSeq ORF:	2001 bp
Locus ID:	27229
UniProt ID:	<u>Q9UGJ1</u>
Cytogenetics:	15q15.3
MW:	76 kDa