

Product datasheet for **MR209897A1V**

Mouse Tubgcp4 (NM_153387) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Tubgcp4 (NM_153387) AAV Particle
Tag:	Myc-DDK
Symbol:	Tubgcp4
Synonyms:	76p; 4932441P04Rik; D2Ertd435e; GCP-4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209897 representing NM_153387
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATTACGAACTGCTCTTGGCCCTGAGTGGGTACCCAGGGTCCATTTTCACCTGGAACAAGCGGAGTG
 GCCTGCAGGTTTCCAGGATTTTCCATTCTTACCCAGTGAGACTAGTGTCTGAATCGACTCTGCCG
 GCTTGGCACAGACTACATTGATTCACTGAGTTCAATTGAACAGTATACAGGCCATGTGCAGCAACAGGAC
 CACCATCTCCCCAGCAGGGCCAAGGGGACTGCATGGGATCTACCTGAGAGCCTTCTGCACAGGGCTGG
 ATTCAGTTTTCAGCCGTATCGCCAAGCACTGCTTGATTGGAACAAGAGTTCTGGCTGACCCGCATCT
 CTCCATATCACATGTCAATTACTCTTAGATCAGTTCCAGCTCCTTTCCCTCTGTGATGGTTGTAGTG
 GAGCAAATTAAGCCAAAGATTATGGCTGTCAAATCTGGAACAGTTTACAACATAGCTGTGGGG
 GCTTGCCTCCAGTCCGAAGCGCATTAGAAAAATCCTGGCTGTGTGCCATGGAGTCATGTATAAACAGCT
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 AGGACACATTCGCTGCCGAGCTGCACCGGCTCAAGCAGCAGCCACTCTTCAGCCTGGTGGATTTTGAGCA
 GGTGGTAGATCGGATTCGTAGCACTGTGGCTGAGCACCTCTGGAAGCTAATGGTGAAGAGTCAGATTTA
 CTGGGTCAGCTGAAGATCATTAAAGACTTTTACCTGCTGGGACGAGGAGAACTGTTCCAGGCCTTCATTG
 ACACAGCTCAGCACATGTTGAAAACACCACCCACTGCAGTAACAGAGCATGATGTGAATGTGGCCTTTCA
 ACAGTCAGCACACAAGGTGTTGCTAGATGACGACAACCTTCTCCCTCTGTTGCACCTGACGATTGAGTAT
 CATGGGAAGGACCACAAAGCAGATGCCACCCAGCCAAGAGAAGTGCTTCTCGGGAGACATCCCCCGGG
 AAGCTCCTTCTCCGGCTGGGCTGCTCTAGGGCTTTCTACAAAGTACAGTGGCCACTGCACATTCTCTT
 CACCCAGCTGTCTTGAAAAGTACAATGTTGTTTTTAAGTACTTACTGAGTGTGCGCGTGTCCAAGCT
 GAACTGCAGCACTGCTGGGCACTCCAGATGCAGCGAAACACCTCAAATCTAACCAGACGGACGCAGTCA
 AGTGGCGCCTAAGAAACCACATGGCCTTCTTGGTAGATAATCTTCAGTACTATCTCCAGGTAGATGTGCT
 GGAGTCTCAGTTCTCACAGCTGCTTCATCAGATCAATTCTACGAGGGACTTTGAAAGCATCCGATTGGCA
 CACGACCACTTCCTAAGCAATCTGCTGGCCCAATCCTTTATTTTGCTGAAGCCTGTGTTTCACTGCCTGA
 ATGAAATCCTAGATCTCTGTACAGTTTTTGTTCAGTGGTCAGTCAGAACCTAGGTCCACTGGATGAGCG
 CGGAGCGGCCAGCTGAGCATTCTCGTGAAGGGCTTTAGTCGCCAGTCTTCACTCCTGTTCAAGATTCTT
 TCCAGTGTTTGGGAATCACCAGATCAACTCAGATTTGGCTCAGTTACTGCTCCGGCTAGACTATAATAAAT
 ACTATACCCAGGCTGGTGGGACTCTGGGCAGTTTTGGGATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR209897 representing NM_153387 Red=Cloning site Green=Tags(s) MIHELLLALSGYPGSIFTWNKRSLQVSQDFPFLHPSETSVLNRLCRLGTDYIRFTEFIEQYTGHVQQQD HHPQQQGGGLHGIYLRACFTGLDSVLQPYRQALLDLEQEFADPHLSISHVNYSLDQFQLFPSVMVVV EQIKSQKIHGCIETVYKHSCGGLPPVRSALKILAVCHGVMYKQLSAWMLHGLLLDQHEEFFIKQGPS SGTLAQLEDEEDLGIGGLTGKQLRELQDLRIIEENMLAPSLKQFSLRVEILPSYIPVRVAEKILFVG ESVQMFENQNVNLRKGSILKNQEDTFAAELHRLKQQPLFSLVDFEQVVDRIIRSTVAEHLWKLMEESDL LGQLKIIKDFYLLGRGELFQAFIDTAQHMLKTPPTAVTEHDVNVAFQSSAHKVLDDNLLPLLHLTIEY HGKDHKADATQPREVPSRETSPREAPSSGWAALGLSYKVQWPLHILFTPAVLEKYNVVFYLLSVRRVQA ELQHCWALQMQRKHLKSNQTDVAKWRLRNHMAFLVDNLQYYLQVDVLESQFSQLLHQINSTRDFESIRLA HDHFLSNLLAQSFILLKPVFHLNEILDLCFSFCSLVSNLGPLDERGAAQLSILVKGFSRQSSLLFKIL SSVRNHQINSDLAQLLRLDYNKYTTQAGGTGSGFGM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_153387
ORF Size:	2001 bp
Buffer:	PBS with 0.001% Pluronic F997
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_153387.3, NP_700436.1</u>
RefSeq Size:	4278 bp
RefSeq ORF:	2004 bp
Locus ID:	51885
UniProt ID:	<u>Q9D4F8</u>
Cytogenetics:	2 60.37 cM
MW:	76.1 kDa