

Product datasheet for **RC225798A1V**

Human GTPBP3 (NM_001128855) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	GTPBP3
Synonyms:	COXPD23; GTPBG3; MSS1; MTGPI; THDF1
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC225798 representing NM_001128855
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTGGCGGGGCTTTGGACCCTGGCGGCCAAGCGGCACGTGGGCTCGCAGATTGTGCACGCGCCGA
 GCAGCGGCGCACCAGCCCCGGCTCCGGCGCCACCATCTTCGCGCTAAGCTCTGGCCAAGGCCGCTGCGG
 CATCGCAGTGATCCGGACCAGCGGCCCGCCAGCGGCCACGCCCTCCGAATTCTCACAGCAGCCCCGAGAC
 CTGCCCTTGTCTGCCACGCCAGCTGCGCTGCTCAGCGATCCCCGCTCCGGGGAGCCTCTGGACCGCG
 CACTGGTGCTCTGGTCCCAGGTCCCAGAGTTTACCGGTGAGGACTGCGTGGAGTTCCACGTGCATGG
 AGGCCCGGCAGTGGTGAGCGGGCTCTGACGGCTTGGGCAGCGTGCCAGGGCTTCGACCGCGGAGGCA
 GGCGAGTTACACAGACGGCGTTTCGCAATGGGAAGCTGAACCTGACCGAAGTGAGGGGGTGGCGGACC
 TTATCCACGCGAAACAGAGGCGCAGCGCGCAGGCCCTCAGGCAGCTGGACGGAGAGCTGGGCCACCT
 CTGCCGTGGTGGGCCGAGACCCTACCAAAGCTCTGGCCACGTGGAGGCTATATCGATTTCGGCGAG
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 GTGCACATCTACGAGATGCCAGGCGCGGCGAGAGGCTCCGCTCAGGGGTGCACGTAGTGGTCACTGGACC
 CCCCATGCGGGCAAGAGCAGCCTAGTGAACCTGCTCAGTCGGAAGCCTGTGTCCATCGTGTCCCGGAG
 CCAGGGACCAACCGTGACGTGCTGGAGACCCAGTCGACCTGGCCGGATTCTCTGTGCTGCTGAGCGACA
 CGGCTGGGTTGCGGGAGGGCGTGGGGCCCGTGAGCAGGAGGGCGTGGCGCGCGCCCGGAGAGTTGCAA
 CTTCTGTGCCACCGTCGTAGCCTCTGTGGAGGCCAGAGCCCAAGTACAGCAGCCAGCGCCTCTCTCTG
 GTGCTGAACAAGTCGGACCTGCTGTCCCGGAGGGGCCAGGTCCCGGTCTGACCTGCCCCCGCACCTGC
 TGCTGTCTGTCTGACGGGAGAGGGCTGGACGGCCTCTGGAGGCGCTGAGGAAGGAGCTAGTGCAGT
 GTGTGGGGACCCGTCACAGATCCCCCGCTGCTGACCCGAGCAAGGCACAGCACCCTCCAGGGTTGC
 CTGGATGCCCTCGGCCACTACAAGCAGTCAAAAGACCTGGCCCTGGCGGCAGAGGCGCTGCGGGTGGCC
 GGGGTACCTGACCCGGCTCACAGGTGGAGGGGTACCGAGGAGATCTGGACATCATCTTCAGGACTT
 CTGTGTGGCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC225798 representing NM_001128855
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MWRGLWTLAAQAARGPRRLCTRRSSGAPAPGSGATIFALSSQGRCGIAVIRTSGPASGHALRILTAPRD
 LPLARHASLRLLSDPRSGEPLDRALVWFPGPQSFTGEDCVFHVHGGPAVVSGLQALGSVPGLRPAEA
 GEFTRRRAFANGKLNLTVEGLADLIHAETEAQRRQALRQLDGLGHLRCGWAETLTKALAHVEAYIDFGE
 DDNLEEGVLEQADIEVRALQVALGAHLRDARRGQRLRSGVHVVTGPPNAGKSSLVNL SRKPVSIVSPE
 PGTTTRDVLETPVDLAGFPVLLSDTAGLREGVGPVEQEGVRRARESCNFLTAVVASVGAQSPSDSSQRLLL
 VLNKSDDLSPGPGPDLPPLL SCLTGEGLDGLLEALRKELAAVCGDPSTDPPLL TRARHQHHLQGC
 LDALGHYKQSKDLALAAEALRVARGHLTRLTGGGGTEEILDIIIFQDFCVGK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001128855

ORF Size: 1413 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_001128855.1</u>
RefSeq ORF:	1416 bp
Locus ID:	84705
UniProt ID:	<u>Q969Y2</u>
Cytogenetics:	19p13.11
MW:	49.7 kDa