

Product datasheet for **RC200836A1V**

Human GTPBP3 (NM_032620) 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: >RC200836 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTGGCGGGGCTTTGGACCCTGGCGGCCAAGCGGCACGTGGGCCTCGCAGATTGTGCACGCGCCGA
 GCAGCGGCGCACCAGCCCCGGCTCCGGCGCCACCATCTTCGCGCTAAGCTCTGGCCAAGGCCGCTGCGG
 CATCGCAGTGATCCGGACCAGCGGCCCGCCAGCGGCCACGCCCTCCGAATTCTCACAGCAGCCCGAGAC
 CTGCCCTTGTCTGCCACGCCAGCTGCGCTGCTCAGCGATCCCCGCTCCGGGGAGCCTCTGGACCGCG
 CACTGGTGCTCTGGTCCCAGGTCCCAGAGTTTACCGGTGAGGACTGCGTGGAGTTCCACGTGCATGG
 AGGCCCGGCAGTGGTGAGCGGCTCCTGCAGGCTTGGGCAGCGTGCCAGGGCTTCGACCGCGGAGGCA
 GGCGAGTTACACAGACGGGCTTCGCCAATGGGAAGCTGAACCTGACCGAAGTGAGGGGCTGGCGGACC
 TTATCCACGCGAAACAGAGGCGCAGCGCGCAGGCCCTCAGGCAGCTGGACGGAGAGCTGGGCCACCT
 CTGCCGTGGCTGGGCCGAGACCCTACCAAAGCTCTGGCCACGTGGAGGCTATATCGATTTCGGCGAG
 GATGACAACTGGAGGAGGGGCTCCTGGAGCAAGCCGACATCGAAGTACGGGCACTGCAGGTGGCCCTGG
 GTGCACATCTACGAGATGCCAGGCGCGGCGAGAGGCTCCGCTCAGGGGTGCACGTAGTGGTCACTGGACC
 CCCCATGCGGGCAAGAGCAGCCTAGTGAACCTGCTCAGTCGGAAGCCTGTGTCCATCGTGTCCCGGAG
 CCAGGGACCAACCGTGACGTGCTGGAGACCCAGTCGACCTGGCCGGATTTCCTGTGCTGCTGAGCGACA
 CGGCTGGGTTGCGGGAGGGCTGGGGCCCGTGGAGCAGGAGGGCTGCGGCGCGCCCGGAGAGGCTAGA
 GCAGGCTGACCTATTCTGGCCATGCTGGATGCTTCTGACCTGGCCTCTCCCTCCAGTTGCAACTTCCTG
 GCCACCGTCTGAGCCTCTGTGGGAGCCAGAGCCCAAGTGACAGCAGCCAGCACCTCCTCTGGTGTGA
 ACAAGTCGGACCTGCTGTCCCGGAGGGCCAGGTCCCGGTCTGACCTGCCCCGACCTGCTGCTGTC
 CTGTCTGACGGGAGAGGGGCTGGACGGCCTCCTGGAGGCGCTGAGGAAGGAGCTAGCTGCAGTGTGTGG
 GACCCGTCCACAGATCCCCGCTGCTGACCCGAGCAAGGCACCAGCACCTCCAGGGTTGCTGGATG
 CCCTCGGCCACTACAAGCAGTCAAAGACCTGGCCCTGGCGGCAGAGGCGCTGCGGGTGGCCCGGGGTCA
 CCTGACCCGGCTCACAGGTGGAGGGGTACCGAGGAGATCTGGACATCATCTCCAGGACTTCTGTGTG
 GGCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC200836 protein sequence
 Red=Cloning site Green=Tags(s)

MWRGLWTLAAQAARGPRRLCTRRSSGAPAPGSGATIFALSSQGRCGIIVIRTSGPASGHALRILTAPRD
 LPLARHASLRLLSDPRSGEPLDRALVLFPGPQSFTGEDCVFHVHGGPAVVSGLVQLGSVPGLRPAEA
 GEFTTRAFANGKLNLTVEGLADLIHAETEAQRRQALRQLDGELGHLRCGWAETLTALAHVEAYIDFGE
 DDNLEEGVLEQADIEVRALQVALGAHLRDARRGQRLRSGVHVVTGPPNAGKSSLVNL SRKPVSIIVSPE
 PGTTTRDVLETPVDLAGFPVLLSDTAGLREGVGPVEQEGVRRARERLEQADLILAMLDASDLASPSNCF
 ATVVASVGAQSPDSSQHLLLVNKSDDLSPGPGPDLPPhLLL SCLTGEGLDGLLEALRKELAAVCG
 DPSTDPPLLTRARHQHLLQGCLDALGHYKQSKDLALAAEALRVARGHLTRLTGGGGTTEEILDIIIFQDFCV
 GK

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_032620

ORF Size: 1476 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:	NM_032620.1
RefSeq Size:	2612 bp
RefSeq ORF:	1479 bp
Locus ID:	84705
UniProt ID:	Q969Y2
Cytogenetics:	19p13.11
MW:	52 kDa