

Product datasheet for **RC201247A1V**

Human GPKOW (NM_015698) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GPKOW (NM_015698) AAV Particle
Tag:	Myc-DDK
Symbol:	GPKOW
Synonyms:	GPATC5; GPATCH5; Mos2; Spp2; T54
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201247 representing NM_015698
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGACTCCAAAGAGGGTGTGTTTGGCGCTGACGGCTGCTTCCACTGCCCCAATTTTCATTCGGCTTCA
 CTCGCACGTCCGCACGAGGCGGCTGGCCGACTCGGGAGACGGCGGGGCCATCTCCGAGGAGAAGGA
 TTTCTTGAAAACCGTGAAGGGAGGGAGCTGCAGAGTGTGAAGCCCCAGGAGGCCCCCAAGGAATCGTC
 ATCCCTTTGATCCAGAATGGCCATCGCAGGCAGCCACCAGCCGGCCCTGGGCCATCCACAGATACTG
 GGGCCTTGGCGGATGGGTGGTGTCCAGGCTGTGAAGGAGCTCATTGCGGAATCCAAGAAGTCTCTGGA
 AGAGAGAGAGAATGCGGGTGTGACCCACGCTCGCTATCCCCATGATCCAGAAAGGATGACCCCCAGC
 GGGGAAGGGGAGACAGCAACCCGGGAGAGACAGTCCAGAGGAGGCTAATTATGAGGCGGTCCCCG
 TGGAGGCTATGGCTGGCCATGCTGCGGGCATGGGTGGAACCTGGCGAGGGCATCGGCCGACCTT
 CAATCAAGTAGTGAAGCCCCGTGTCACTCACTGAGGCCAAGGGGTAGGGCTGGGTGCCAACCTGACC
 GAGGCCAGGCCCTTGACCCCACTGGCCCTCCCGCATGCCAAGACCAGATGAGGAGCAAGAGAAAGATA
 AGGAAGATCAGCTCAAGGGCTGGTGCCTGGAGGAGCTGTGGTGGTTCTTTCTGGCCCTACCGAGGCCT
 CTATGGGAAGGTGGAAGGCCCTTGATCCTGACAATGTTCCGGCCATGGTTCGTCTGGCTGTGGGGAGCCGG
 GTGGTGAAGTGTAGTACTACCTGCGGCCTGTCTCCAGCAGGAGTTTGACAAGAACACCTTGATC
 TCAGGCAACAGAACGGAAGTGCCTCATCAGGAAGACCTCTGGAATCAAGAACTCTACATCCAGCAGGA
 CAATCAGAGAGGAAGCGGAACACCTTCCAGACCGACAGGATGGGCTGCAGCAAGAGTGAGAAAGCA
 GCGCCAGAAAGTCACTGCTGTCACAGGGACCTGCGTGTGCGGTTTGTGGACAACATGTACAAAGGAG
 GCGCAATATTACAACACCAAGATGATAATTGAAGATGTCTAAGCCAGATACCTGTGTATGTCGGACAGA
 TGAAGGCCGAGTCTGGAAGGCCCTGAGGGAAGACATGCTGGAGACCCTGGTTCCCAAGGCAGAGGGTGAC
 CGTGTGATGGTGGTGTGGGCCACAGACTGGAAGGGTGGGACATTTGCTGAGCCGGGACAGAGCACGGA
 GCCGGGCTTTGGTGCACTGCCAAGAGAAAATCAGGTGGTGGAGCTTCACTACGATGCCATCTGCCAGTA
 CATGGGCCCTAGTGACACAGATGATGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201247 representing NM_015698
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MADSKEGVLPLTAASTAPISFGFTRTSARRRLADSGDGAGPSPEEKDFLKTVEGRELQSVKPQEAPKELV
 IPLIQNGHRRQPPARPPGPSTDTGALADGVVSQAVKELIAESKKSLEERENAGVDPTLAIPMIQKGCTPS
 GEGADSEPRAEVPEEANYEAVPVEAYGLAMLRGMGWKPGEGIGRTFNQVVKPRVNSLRPKGLGLGANLT
 EAQALTPGTPSRMPRPDEEQEKDKEDQPQGLVPGGAVVVLSPHRLGYKVEGLDPDNVRAMVRLAVGSR
 VVTVSEYYLRPVSQEFDKNTLDLRQNGTASSRKTLLWNQELYIQDNSERKRKHLPRQDGPAAKSEKA
 APRSQHWLHRDLRVRFVDNMYKGGQYYNTKMIIEDVLSPTDCVCRTDEGRVLEGLREDMLETLVPKAEGL
 RVMVVLGPQTGRVGHLLSRDRARSRALVQLPRENQVVELHYDAICQYMGPSDTHDD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_015698

ORF Size:

1428 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_015698.4</u>
RefSeq Size:	2975 bp
RefSeq ORF:	1431 bp
Locus ID:	27238
UniProt ID:	<u>Q92917</u>
Cytogenetics:	Xp11.23
MW:	52.2 kDa