

Product datasheet for **RC200045A1V**

Human GIT2 (NM_139201) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GIT2 (NM_139201) AAV Particle
Tag:	Myc-DDK
Symbol:	GIT2
Synonyms:	CAT-2; CAT2; PKL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200045 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCAAACGGCTCCGGAGCAGCGAGGTGTGCGTACTGCAGCGGCCGGATCCTTCCTGGGCATCAG
 TAAATAGGGGAACGTTTTTATGTGATGAGTGCTGCAGTGCCATCGGAGTCTAGGGCGCCATATCTCCCA
 AGTGAGGCATCTGAAACACACACCGTGGCCTCCAACACTGCTTCAGATGGTTGAGACCTTGATAATAAC
 GGTGCTAACTCTATATGGGAGCATTCTTTGCTGGACCCTGCGTCTATTATGAGTGGAAAGACGTAAGCTA
 ATCCACAGGATAAAGTACATCCAATAAAGCGGAATTCATCAGAGCCAAGTATCAGATGTTAGCGTTCGT
 CCATCGCTTGCCTGCCGGATGACGATAGTGTGACTGCCAAAGATCTTAGCAAGCAACTCCATTCGAGC
 GTGAGAACAGGGAATCTTGAACCTGTTTGGACTGTTATCTTTAGGAGCACAAGCCAATTCTTTCATC
 CTGAAAAAGGAAACCCCACTCCATGTTGCCCTCAAAGCAGGGCAGATTTTACAGGCTGAATTATTGGC
 AGTATATGGAGCAGACCAGGCACACAGGATTCTAGTGGAAAACCTCCCGTTGATTATGCAAGGCAAGGA
 GGGCACCATGAGCTGGCAGAGCGCCTCGTGAAATACAGTATGAGCTAACGGACAGACTAGCCTTCTATC
 TCTGTGGCAGGAAACCAGATCACAAAAATGGACAGCACTTTATAATACCTCAAATGGCAGACAGCAGCCT
 GGATTTGTCTGAATTGGCAAAAGCTGCTAAGAAGAACTTCAATCTCTAAGTAATCATTTGTTTGAAGAA
 CTTGCCATGGATGTACGATGAAGTTGACAGGCGAGAGACGGATGCAGTCTGGCTTGCCACGCAAAAACC
 ACAGCGCCCTGGTAACCGAGACAACGGTCGTCCTTCTTCCGGTCAATCCTGAGTACTCATCAACACG
 AAATCAGGGCAGACAGAAGTTAGCTCGGTTCAACGCCATGAGTTGCCACGCTGGTCATTGACATTCTC
 AGTGACCCAAGAGGAGACAGCAGGGCAGTTCTCTCTCGGTTCAAAGACAATGTGGAGCTCATACTGA
 AAACCATCAATAACAGCACAGCGTTGAGAGTCAAGACAACGATCAGCCGACTATGACAGCGTGGCATC
 AGACGAAGACACAGATTTGAAACCACTGCAAGCAAAAACAAACCGGCAGAAGAGCCTAGATTCAGATTTA
 TCAGATGGACCAGTCACTGTACAGGAATTTATGGAGGTCAAAAACGCTCTAGTGGCTTCTGAGGCCAAGA
 TACAGCAGCTAATGAAGGTGAATAACAACCTGAGTGACGAGCTGAGAATTATGCAGAAAAAGTTGCTTGG
 AAAAGATGCTAAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200045 protein sequence
 Red=Cloning site Green=Tags(s)

MSKRLRSSEVCADCSGPDPSWASVNRGTFLCDECCSVHRSLSGRHISQVRHLKHTPWPTLLQMVELLYNN
 GANSIWEHSLLDPASIMSGRRKANPQDKVHPNKAEFIRAKYQMLAFVHRLPCRDDDSVTAKDLKQLHSS
 VRTGNLETCLRLSLGAQANFFHPEKGNTPHVASKAGQILQAELLAVYGADPGTQDSSGKTPVDYARQG
 GHHELAERLVEIQYELTDRLAFYLCGRKPDHKNQHFIIIPQADSSLDLSELAKAARKKQLSLSNHLFEE
 LAMDMYDEVDRRETDVWLATQNHLSALVTETTVPFLPVNPEYSSTRNQRQKLARFNAHEFATLVIDIL
 SDAKRRQQGSSLSGSKDNVELILKTIINQHSVESQDNDQPDYDSVASDEDTLETTASKTNRQKSLSDSL
 SDGPVTVQEFMEVKNALVASEAKIQQLMKVNNLSDELRLIMQKLLGKDAN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_139201

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_139201.1, NP_631940.1</u>
RefSeq Size:	2357 bp
RefSeq ORF:	1416 bp
Locus ID:	9815
Cytogenetics:	12q24.11
MW:	52.6 kDa