

Product datasheet for **RC215908A1V**

Human GCOM1 (NM_152451) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GCOM1 (NM_152451) AAV Particle
Tag:	Myc-DDK
Symbol:	GCOM1
Synonyms:	GCOM1; Gup; MYOZAP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC215908 representing NM_152451
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCGCTCCACGTCCACGGTCACCTGCTCTCGGGCGGCCGCCAGGACGCCCGGGCGCCAGCA
 GGAGGGCAAATGTTTGCAGACTACGGCTGACCGTACCTCCTGAGAGTCCAGTTCCCTGAGCAATGTGAAAA
 GAAGATTGAGAGAAAAGAGCAGCTTCTTGACCTGAGCAATGGAGAACCTACCAGGAACTTCCTCAGGGT
 GTTGTATTGTTGGTGGTGCAGATCAGATCAAAATCAGCAGAAAGAAATGGTGGTGTATGGGTGGTCCA
 CCAGTCAGCTGAAAGAAGAGATGAACTACATCAAAGATGTGAGAGCCACTTTGAAAAAGGTGAGAAAGCG
 AATGTATGGAGACTATGATGAGATGAGACAGAAGATTCGACAGCTCACCAGGAACTATCAGTTTCCCAT
 GCTCAGCAGGAGTATCTGGAGAATCACATCCAAACCCAGTCGTCTGCCCTGGATCGTTTTAATGCCATGA
 ACTCAGCCTTGCGCTCAGATTCCATTGGCCTGCAGAAAACCTCGTGGATGTGACTTTGAAAAACAGCAA
 CATTAAAGGATCAAATCAGAAATCTGCAGCAGACGTATGAAGCATCCATGGACAAGCTGAGGGAAGAGCAG
 AGGCAGTTGGAGGTAGCGCAAGTTGAAAACCCAGCTGCTAAAAATGAAGGTGGAATCGTCCCAAGAAGCCA
 ATGCTGAGGTGATGCGAGAGATGACCAAGAAGCTGTACAGCCAGTATGAGGAGAAGCTGCAGGAAGAACA
 GAGGAAGCACAGTGCTGAGAAGGAGGCTCTTTTGAAGAAACCAATAGTTTTCTGAAAGCGATTGAAGAA
 GCCAATAAAAAGATGCAAGCAGCAGAGATCAGCCTAGAGGAGAAAAGACCAGAGGATCGGGGAGCTGGACA
 GGCTGATTGAGCGCATGGAAGGAACGTCATCAACTGCAACTTCAACTCCTAGAACATGAAACAGAAAT
 GTCTGGGAGTTAACTGATTCTGACAAGGAAAGGTATCAGCAGTTGGAGGAGGCATCAGCCAGCCTCCGT
 GAGCGGATCAGACACCTAGATGACATGGTGCATTGCCAGCAGAAGAAAGTCAAGCAGATGGTCGAGGAGA
 TTGAATCATTAAAGAAAAAGTTGCAACAGAAACAGCTCTTAATACTGCAGCTTTTAGAAAAGATATCTTT
 CTTAGAAGGAGAGAATAATGAATACAAAGCAGGTTGGACTATTTAACAGAAACCCAGGCCAAGACCGAA
 GTGGAACCCAGAGAGATAGGAGTGGGCTGTGATCTTCTACCCAGCCAAACAGGCAGGACTCGTGAATTG
 TGATGCCTTCTAGGAATACACCCCATACAAAGAGTCTGGAGTTAACCATGAAGAAAACCTCTGACT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC215908 representing NM_152451
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MLRSTSTVTLSSGAARTPGAPSRANVCRLRLTVPPESPVPQCEKKIERKEQLLDLSNGEPTRKLPQG
 VVYGVVRRSDQNNQKEMVVYGWSTSQLKEEMNYIKDVRATLEKVRKRMYGDDYDEMQRKIRQLTQELSVSH
 AQQEYLENHIQTQSSALDRFNAMNSALASDSIGLQKTLVDVTLENSNIKDQIRNLQQTYEASMDKLREKQ
 RQLEVAQVENQLLKMKESSQEAANAEMREMTKKLYSQYEEKLQEEQRKHSAAKEALLETNSFLKAIEE
 ANKKMQAAEISLEEKDQRIQELDRLIERMEKERHQLQLLLEHETEMSELTDSDKERYQQLLEASASLR
 ERIRHLDDMVHCQKKVKQMVVEIESLKKKLQKQLLILQLLEKISFLEGENNELQSRLDYLTTETQAKTE
 VETREIGVGC DLLPSQTGRTREIVMPSRNYTPYTRVLELTMKTLTTRTRPLEQKLISEEDLAANDILDYKDDDDKV
 KDDDDKV*

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_152451

ORF Size:

1398 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_152451.1</u>
RefSeq Size:	2356 bp
RefSeq ORF:	1317 bp
Locus ID:	145781
UniProt ID:	<u>POCAP1</u>
Cytogenetics:	15q21.3
MW:	50.7 kDa