

Product datasheet for **RC216883A1V**

Human G protein alpha S (GNAS) (NM_001077489) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human G protein alpha S (GNAS) (NM_001077489) AAV Particle
Tag:	Myc-DDK
Symbol:	G protein alpha S
Synonyms:	AHO; C20orf45; GNAS1; GPSA; GSA; GSP; NESP; PITA3; POH; SCG6; SgVI
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC216883 representing NM_001077489 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCTGCCTCGGGAACAGTAAGACCGAGGACCAGCGCAACGAGGAGAAGGCGCAGCGTGAGGCCAACA
AAAAGATCGAGAAGCAGCTGCAGAAGGACAAGCAGGTCTACCGGGCCACGCACCGCTGCTGCTGCTGGG
TGCTGGAGAATCTGGTAAAAGCACCATTGTGAAGCAGATGAGGATCCTGCATGTTAATGGGTTTAATGGA
GATGAGAAGGCAACCAAGTGCAGGACATCAAAAACAACCTGAAAGAGGCGATTGAAACCATTGTGGCCG
CCATGAGCAACCTGGTGCCCCCGTGGAGCTGGCCAACCCGAGAACCAGTTGAGAGTGGAATACATCCT
GAGTGTGATGAACGTGCCTGACTTTGACTTCCCTCCCGAATTCTATGAGCATGCCAAGGCTCTGTGGGAG
GATGAAGGAGTGCGTGCCTGCTACGAACGCTCCAACGAGTACCAGCTGATTGACTGTGCCAGTACTTCC
TGGACAAGATCGACGTGATCAAGCAGGCTGACTATGTGCCGAGCGATCAGGACCTGCTTCGCTGCCGTGT
CCTGACTTCTGGAATCTTTGAGACCAAGTTCAGGTGGACAAAGTCAACTCCACATGTTTGACGTGGGT
GGCCAGCGCGATGAACGCCGCAAGTGGATCCAGTGCTTCAACGATGTGACTGCCATCATCTTCGTGGTGG
CCAGCAGCAGCTACAACATGGTCATCCGGGAGGACAACCAGACCAACCGCTGCAGGAGGCTCTGAACCT
CTTCAAGAGCATCTGGAACAACAGATGGCTGCGCACCATCTCTGTGATCCTGTTCTCAACAAGCAAGAT
CTGCTCGCTGAGAAAGTCCTTGCTGGGAAATCGAAGATTGAGGACTACTTCCAGAATTTGCTCGCTACA
CTACTCCTGAGGATGCTACTCCCGAGCCGAGAGGACCCACGCGTGACCCGGGCCAAGTACTTCATTCCG
AGATGAGTTTCTGAGGATCAGCACTGCCAGTGGAGATGGGCGTCACTACTGCTACCCTCATTTACCTGC
GCTGTGGACACTGAGAACATCCGCCGTGTGTTCAACGACTGCCGTGACATCATTAGCGCATGCACCTTC
GTCAGTACGAGCTGCTC

AC**CGGGCCG**TCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
TTACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC216883 representing NM_001077489 Red=Cloning site Green=Tags(s) MGCLGNSKTEDQRNEEKAQREANKKIEKQLQKDKQVYRATHRLLLLGAGESGKSTIVKQMRILHVNGFNG DEKATKVQDIKNNLKEAIETIVAAMSNLVPPVELANPENQFRVDYILSVMNVPDFDFPPEFYEHAKALWE DEGVRACYERSNEYQLIDCAQYFLDKIDVIKQADYVPSDQDLLRCRVLTSIGIFETKFQVDKVNFMFDVG GQDERRKWIQCFNDVTAIIFVVASSSYNMVIREDNQTNRLQEALNLFKSIWNNRWLRTISVILFLNKQD LLAEKVLAKGSKIETYFPEFARYTTPEDATPEPGEDPRVTRAKYFIRDEFRLISTASGDGRHYCYPHFTC AVDTENIRRVFNDCRDIIQRMHLRQYELL TRRLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001077489
ORF Size:	1137 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_001077489.1
RefSeq Size:	1881 bp
RefSeq ORF:	1140 bp
Locus ID:	2778
UniProt ID:	O95467
Cytogenetics:	20q13.32
MW:	44 kDa