

## Product datasheet for **RC212804A1V**

### Human G protein alpha S (GNAS) (NM\_016592) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human G protein alpha S (GNAS) (NM_016592) 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:	>RC212804 representing NM_016592 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGATCGGAGGTCCCGGGCTCAGCAGTGGCGCCGAGCTCGCCATAATTACAACGACCTGTGCCCGCCCA  
TAGGCCGCCGGGCAGCCACCGCGCTCCTCTGGCTCTCTGCTCCATCGCGCTCCTCCGCGCCCTTGCCAC  
CTCCAACGCCCCGTGCCAGCAGCGCGCGGTGCCAACAGCGCCGGAGCTTCTTAACGCCACCACCGC  
TCCGGCGCCAGGTATCCCTGAGTCCCCGAATCGGAATCTGACCACGAGCACGAGGAGGCAGACCTTG  
AGCTGTCCCTCCCGAGTGCCTAGAGTACGAGGAAGAGTTGACTACGAGACCGAGAGCGAGACCGAGT  
CGAAATCGAGTCCGAGACCGACTTCGAGACCGAGCCTGAGACCGCCCCACCCTGAGCCGAGACCGAG  
CCTGAAGACGATCGCGGCCGGTGGTGCCTAAGCACTCCACCTTCGGCCAGTCCCTCACCCAGCGTCTGC  
ACGCTCTCAAGTTGCGAAGCCCCGACGCTCCCAAGTCGCGCGCCGCCAGCACTCAGGAGCCCCAGAG  
CCCCAGGGAAGGGGAGGAGCTCAAGCCCCGAGGACAAAGATCCAAGGGACCCGAAGAGTCAAGGAGCCC  
AAGGAGGAGAAGCAGCGCGTCTGCTGCAAGCCAAAGAAGCCACCCGCGTGACGCGTCCCCGGAGTCCC  
CTTCAAAAAGGGACCCATCCCCATCCGGCGTCAC

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC212804 representing NM_016592 Red=Cloning site Green=Tags(s)  MDRRSRAQQWRRARHNYNDLCPPIGRRRAATALLWLSCSIALLRALATSNARAQQRAAAQRRSFLNAHHR SGAQVFPESPESESDHEHEEADLELSLPECLEYEEEFDYETESEIESEDFETEPETAPTTEPETE PEDDRGPVVPKHSTFGQSLTQRLHALKLRSPDASPSRAPPSTQEPQSPREGELKPEDKDPDRDPEESKEP KEEKQRRRCKPKKPTRRDASPESPSKKGPIPIRRH  SGPTRRRRLEQKLISEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_016592
<b>ORF Size:</b>	735 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u>NM_016592.1</u>
<b>RefSeq Size:</b>	2566 bp
<b>RefSeq ORF:</b>	738 bp
<b>Locus ID:</b>	2778
<b>UniProt ID:</b>	<u>O95467</u>
<b>Cytogenetics:</b>	20q13.32
<b>MW:</b>	27.8 kDa