

Product datasheet for **RC217958A1V**

Human G0 Protein alpha (GNAO1) (NM_020988) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human G0 Protein alpha (GNAO1) (NM_020988) AAV Particle
Tag:	Myc-DDK
Symbol:	G0 Protein alpha
Synonyms:	DEE17; EIEE17; G-ALPHA-o; GNAO; HLA-DQB1; NEDIM
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC217958 representing NM_020988 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGGATGTACTCTGAGCGCAGAGGAGAGAGCCGCCCTCGAGCGGAGCAAGGCGATTGAGAAAAACCTCA
AAGAGGATGGCATCAGCGCCGCCAAAGACGTGAAATTACTCCTGCTCGGGGCTGGAGAATCAGGAAAAAG
CACCATTGTGAAGCAGATGAAGATCATCCATGAAGATGGCTTCTCCGGAGAAGACGTGAAACAGTACAAG
CCTGTTGTCTACAGCAACACTATCCAGTCCCTGGCAGCCATCGTCCGGGCCATGGACACTTTGGGCATCG
AATATGGTGATAAGGAGAGAAAGGCTGACGCCAAGATGGTGTGTGATGTGGTGAGTCGGATGGAAGACAC
CGAGCCCTTCTCTGCAGAGCTGCTTTCTGCCATGATGCGGCTCTGGGGCGACTCAGGAATCCAAGAGTGC
TTCAACCGGTCCCGGGAGTATCAACTCAACGACTCTGCCAAATACTACCTGGACAGCCTGGATCGGATTG
GGGCCGCCGACTACCAGCCCACTGAGCAGGACATCCTCCGAACCAGGGTCAAAACCACTGGCATCGTAGA
AACCCACTTCACATTCAAGAACCCTCACTTCAGGCTGTTTGACGTCGGAGGCCAGCGATCTGAACGCAAG
AAGTGGATCCATTGCTTCGAGGACGTCACGGCCATCATTTTCTGTGTCGCGCTCAGCGGCTATGACCAGG
TGCTCCACGAAGACGAAACCACGAACCGCATGCACGAGTCTCTCATGCTCTTCGACTCCATCTGTAACAA
CAAGTTCTTCATCGATACCTCCATCTCTCTCCTCAACAAGAAAGATCTCTTTGGCGAGAAGATCAAG
AAGTCACCTTTGACCATCTGCTTTCCTGAATACACAGGCCCAATACCTATGAAGACGCAGCCGCTACA
TCCAAGCACAATTTGAAAGCAAAAACCGCTCACCCAACAAGAAATATATTGTCACATGACTTGTGCCAC
AGACACGAATAACATCCAGTGGTGTTCGACGCCGTACCCGACATCATATTGCCAACACCTCCGGGGC
TGCGGCTGTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC217958 representing NM_020988 Red=Cloning site Green=Tags(s) MGCTLSAEERAALERSKAIEKNLKEDGISAAKDVKLLLLGAGESGKSTIVKQMKIIHEDGFSGEDVKQYK PVVYSNTIQSLAAIVRAMDTLGIEYGDKERKADAKMVCDDVSRMEDTEPFSAELLSAMMRLWGDGSIQEC FNRSREYQLNDSAKYYLDSLDRIGAADYQPTQDILRTRVKTGIVETHFTFKNLHFRLFDVGGQSRERK KWIHCFEDVTAIIFCVALSQYDQVLHEDETTNRMHESLMLFDSICNNKFFIDTSIILFLNKKDLFGEKIK KSPLTICFPEYTGPNYEDAAAYIQAQFESKNRSPNKEIYCHMTCATDTNNIQVVFDAVTDIIIANNLRG CGLY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_020988
ORF Size:	1062 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_020988.1 , NP_066268.1
RefSeq Size:	3332 bp
RefSeq ORF:	1065 bp
Locus ID:	2775
UniProt ID:	P09471
Cytogenetics:	16q13
MW:	40.1 kDa