

Product datasheet for **RC227261A1V**

Human GNAL (NM_001142339) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	GNAL
Synonyms:	DYT25
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC227261 representing NM_001142339 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGGTGTTTGGGCGGCAACAGCAAGACGACGGAAGACCAGGGCGTCGATGAAAAAGAACGACGCGAGG
CCAACAAAAAGATCGAGAAGCAGTTGCAGAAAGAGCGCCTGGCTTACAAGGCTACCCACCGCCTGCTGCT
CCTGGGGGCTGGTGAGTCTGGGAAAAGCACTATCGTCAAACAGATGAGGATCCTGCACGTCAATGGGTTT
AATCCCGAGGAAAAAGAACAGAAAAATCTGGACATCCGAAAAATGTTAAAGATGCTATCGTGACAATTG
TTTCAGCAATGAGTACTATAATACCTCCAGTTCGCTGGCCAACCTGAAAACCAATTTGATCAGACTA
CATCAAGAGCATAGCCCTATCACTGACTTTGAATATCCAGGAATCTTTGACCATGTGAAAAAATT
TGGGACGATGAAGGCGTGAAGGCATGCTTTGAGAGATCCAACGAATACCAGCTGATTGACTGTGCACAAT
ACTTCCTGGAAGAATCGACAGCGTCAGCTTGGTTGACTACACCCACAGACCAGGACCTCCTCAGATG
CAGAGTTCTGACATCTGGGATTTTGGACACGATTCCAAGTGGACAAAGTAACTTCCACATGTTTGAT
GTTGGTGGCCAGAGGGATGAGAGGAGAAAAATGGATCCAGTGCTTTAACGATGTCACAGCTATCATTTACG
TCGCAGCCTGCAGTAGCTACAACATGGTGATTCGAGAAGATAACAACACCAACAGGCTGAGAGAGTCCCT
GGATCTTTTTGAAAGCATCTGGAACAACAGGTGGTTACGGACCATTTCTATCATCTTGTTCTTGAACAAA
CAAGATATGCTGGCAGAAAAAGTCTTGGCAGGGAATCAAAAATTGAAGACTATTTCCAGAAATATGCAA
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TATCCGGGACCTGTTTTGAGGATCAGCACGGCCACCGGTGACGGCAACATTACTGCTACCCGCACTTC
ACCTGCGCCGTGGACACAGAGAATCCGACGGGTGTTCAACGACTGCCGCGACATCATCCAGCGGATGC
ACCTCAAGCAGTATGAGCTCTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC227261 representing NM_001142339 Red=Cloning site Green=Tags(s) MGCLGGNSKTTEDQGVDEKERREANKKIEKQLQKERLAYKATHRLLLLGAGESGKSTIVKQMRILHVNGF NPEEKQKQILDIRKNVKDAIVTIVSAMSTIIPPVPLANPENQFRSDYIKSIAPITDFEYSQEFFDHVKKL WDDEGVKACFERSNEYQLIDCAQYFLERIDSVSLVDYTPDQDLLRCRVLTSGIFETRFQVDKVNFMFD VGGQRDERRKWIQCFNDVTAIIYVAACSSYNMVIREDNNTNRLRESLDLFESIWNRLRTISIIILFLNK QDMLAEKVLAKGSKIETYFPEYANYTPEDATPDAGEDPKVTRAKFFIRDLFRLRISTATGDGKHYCYPHF TCAVDTENIRRVFNDCRDIQRMHLKQYELL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001142339
ORF Size:	1143 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_001142339.1</u>
RefSeq ORF:	1146 bp
Locus ID:	2774
UniProt ID:	<u>P38405</u>
Cytogenetics:	18p11.21
MW:	44.1 kDa