

Product datasheet for **RC223957A1V**

Human DGLUCY (NM_001102369) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	DGLUCY
Synonyms:	C14orf159
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC223957 representing NM_001102369
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCCCTTCACACTCCACCTGAGGTCCCGCCTTCCTCTGCCATAAGGAGTTTGATTCTACAAAAGAAAC
 CAAACATCAGAAATACATCCAGCATGGCTGGAGAGCTCCGACCAGCCAGCCTGGTGGTCCTGCCAGGTC
 CCTTGCTCCAGCTTTTGAAAGATTCTGCCAGGTCAACACTGGTCTCTACCCCTGCTGGGCCAGAGTGAG
 CCAGAAAAGTGGATGCTGCCCCCTCAAGGTGCTATCTCAGAGACCAGGATGGGCCATCCCCAGTTCTGGA
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 GGTGGCCTTCTTCTGGGTGTCAGCTTCTCCCTGGAGGAGGCCTTGGAGAAAAGCGGGCTCCCCAGAAAG
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 TCACGATGAGGCCATTCCCAAGGACAAGCTGGAAGGGCTGGTGCAGGCTGCTGCTCCCTCGGAGAACT
 GTTGGGAATCAAAGAGCTTTCCAAACCTGCCTACGGGGATGCCATGGTGTGTCCCCAGGGGAGGTTCCA
 GTGTTCTGGCCTTCTCCGCTGACCACTCTCGGAGCTGTGAGACCCACTGGCTTTTGCCA
 GCATCCAGGCTGCACAGTTATGACTGACCTGAAGGATGCAAGGCTCCACCTGGTGTCTACCCACAGA
 GAGAATTCAGAGGTCCATCACATTTCCCAAGATCCTCTGCACTACAGCATCGCGTCAGTCTCTGCTTCT
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 CCCCACACATTTCAATCATGAGCCTCCAGAAGAGACAGATGGCCACCAGGAGCTGTTGCTCTGTTGCC
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 TTGTTGAAGATGCTGTTGAGCAAGGTGTTCTGAAGACGAGATCCGATATTAACCTACCAAGGTGGATC
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 GCCATAGAGCGTGCCGGAAGAGCTGCTGATGGCAATTACTACAATGCAAGGAAGATGAACATCAAGCACT
 TGGTTGACCCATTGACGATCTTTTCTTCTGCTGCAAGAAGATTCTGGAATCTCATCAACTGGTGTTC
 TAACTGGGAGGCTATGCCCTGGCTGCGCACTCTACATCTGTACTCATGTGCTGTCCACAGTCAGTAC
 CTGAGGAAAGCAGTCGGACCCCTCCAGGGCACCTGGAGATCAGGCCTGGACTCAGGCCCTCCGCTCGGTCA
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 CATGGAGGTGGATGGGCTGCCCTTCCACAACCCACGCCGAGATGATCCAGAAGCTGGTGGACGTCAAC
 ACGGCACAGGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC223957 representing NM_001102369
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MPFTLHLRSRLPSAIRSLILQKKPNIRNTSSMAGELRPASLVVLPRSLAPAFERFCQVNTGPLPLLGQSE
 PEKWMPPQGAISSETRMGHPQFWKYEFGACTGSLASLEQYSEQLKDMVAFFLGCSFSLEEALKEAGLPRR
 DPAGHSQTTVPCVTHAGFCCPLVVTMRPIPKDKLEGLVRACCSLGELLGIKELSKPAYGDAMVCPPEV
 VFWPSPLTSLGAVSSCETPLAFASIPGCTVMTDLKDAKAPPGCLTPERIPVHHISQDPLHYSIASVSAS
 QKIRELESMIGIDPGNRGIGHLLCKDELLKASLSL SHARSVLITTFPTHFNHEPPEETDGPFGAVALVA
 FLQALEKEVAIIVDQRAWNLHQKIVEDAVEQGVLTQIPILTYQGSVEAAQAFCKNGDPQTFRFDHLV
 ATERAGRAADGNYNARKMNIKHLVDPIDDLFLAAKKIPGISSTGVSNWGGYALACALYILYSCAVHSQY
 LRKAVGPSRAPGDQAWTQALPSVIKEEKMLGILVQHKVRSVSGIVGMEVDGLPFHNTHAEMIQLVDVT
 TAQV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001102369

ORF Size:	1692 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_001102369.1, NP_001095839.1</u>
RefSeq Size:	2763 bp
RefSeq ORF:	1695 bp
Locus ID:	80017
UniProt ID:	<u>Q7Z3D6</u>
Cytogenetics:	14q32.11
MW:	60.9 kDa