

Product datasheet for **RC202043A1V**

Human Glycogenin 2 (GYG2) (NM_001079855) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Glycogenin 2 (GYG2) (NM_001079855) AAV Particle
Tag:	Myc-DDK
Symbol:	Glycogenin 2
Synonyms:	GN-2; GN2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202043 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTCGGTGACTGATCAGGCTTTTGTACACTAGCCACCAATGACATCTACTGCCAGGGCGCCCTGGTCC
 TGGGGCAGTCACTGAGGAGACACAGGCTGACGAGGAAGCTGGTGGTGTGATCACTCCTCAGGTGCCAG
 CCTGCTCAGGGTCATCCTCTCGAAGGTGTTTCGATGAAGTCATTGAAGTGAATCTAATCGATAGTGCCGAC
 TACATCCACCTGGCCTTTCTGAAGAGACCTGAGCTCGGGCTCACCCCTACCAAGCTTCACTGTTGGACTC
 TCACTCACTACAGCAAGTGTGTCTTCTGGATGCAGACACTCTGGTGTGTCCAATGTCGATGAGCTGTT
 TGACAGGGGAGAGTTTTCTCGGGCCCCGACCCCGGATGGCCGGATTGCTTCAATAGCGGGGTGTTTGTCT
 TTCCAGCCTTCTCCACACGCATAAACTCCTGTACAGCACGCCATGGAACACGGCAGCTTTGACGGGG
 CAGACCAAGGCTTACTGAATAGTTTCTCAGGAACTGGTCGACCACAGACATCCACAAGCACCTGCCGTT
 CATCTATAACTTGAGTAGTAACACGATGTACACTTACAGCCCTGCCTTCAAGCAATTCGTTCCAGTGCA
 AAGGTCGTCCACTTTTTGGGGTCCATGAAACCTTGAAGTACAAGTACAATCCACAGAGTGGCTCCGGTGT
 TGGAGCAAGGCTCAGTGTCCAGCAGCCAGCACCAGGCGGCATTCTTTCATCTCTGGTGGACGGTCTACCA
 GAACAACGTGCTGCCCTTTATAAAAGCGTCCAAGCGGGGAAGCACGCGCGTCTCCTGGTACACACTT
 TGCCGCAGTGTGTGGGGGGCCGTGTGCGGATTCAGCCTCTGGTGTGGAGAGCCGTGTGAAAATTCAA
 CACCCAGTGGGGCGTGCCGTGTGCAAAATTCACCACTGGGTTCTAACCAGCCTGCTCAGGGCCTTCCGGA
 GCCGACCCAGATAGTGGATGAGACCCTGTCCTACCTGAAGGACGCCGTTCAGAAGATATGATAGCTTGT
 CCTGAAACTGAGACTCCTGCCGTGATAACGTGTGACCCACTGTCCCAGCCTTCCCCTCAGCCTGCAGACT
 TCACAGAGACTGAAACCATCTTGACGCCAGCAAATAAAGTCAAAAGTGTCTCATCCGAGGAAACCTCGA
 ACCAAGCCAGGAACCTCCTGTGAGGCTCTCAGGGACCCAGTCTGCAGGATGCACTGGAGGTGACCTG
 GCCGTCTCTGTTTCCAGATCTCCATCGAAGAGAAGGTGAAGGAATTGAGCCCCGAGGAAGAGAGAGGGA
 AGTGGGAGGAAGGCCGTATCGACTACATGGGGAAGGACGCGTTTCTCGCATCCAGGAGAAGCTGGACCG
 GTTCCTGCAG

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202043 protein sequence
 Red=Cloning site Green=Tags(s)

MSVTDQAFVTLATNDIYCQALVLGQSLRRHRLTRKLVVLIITPQVSSLLRVILSKVFDEIVENLIDSAD
 YIHLAFLKRPELGLTLTKLHCWTLTHYSKCVFLDADTLVLSNDELFDGGEFSAAPDPGWPDCFNQSGV
 FQPSLHHTKLLQHAMEHGSFDGADQGLLNSFRNWSTTDIHKHLPFIYNLSSNTMYTSPAFKQFGSSA
 KVVHFLGSMKPWNYKYNPQSGSVLEQGSVSSSQHQAFLHLWWTVYQNNVPLYKSVQAGEARASPGHTL
 CRSDVGGPCADSASGVGEPENSTPSAGVPCANSPLGSNQPAQGLPEPTQIVDETLSPGRRSEDMIAC
 PETETPAVITCDPLSQSPQPADFTETETILQPANKVESVSSEETFEPSQELPAEALRDPQLDALEVDL
 AVSVSQISIEEKVKELSPPEERRKWEGRIDYMGKDAFARIQEKLDRFLQ

SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001079855

ORF Size:

1410 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_001079855.1, NP_001073324.1</u>
RefSeq Size:	3318 bp
RefSeq ORF:	1413 bp
Locus ID:	8908
UniProt ID:	<u>O15488</u>
Cytogenetics:	Xp22.33
MW:	52 kDa