

Product datasheet for **RC230068A1V**

Human Glycogenin 2 (GYG2) (NM_001184703) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Glycogenin 2 (GYG2) (NM_001184703) AAV Particle
Tag:	Myc-DDK
Symbol:	Glycogenin 2
Synonyms:	GN-2; GN2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC230068 representing NM_001184703 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCGGAGACAGAGTTTCACCATGGTGGCCAGGCTGGTCTCGAACTCCTGAGGTCAAGCAATTCACCCA
CCTCAGCCTCCCAAAGTGCTGGAATGACAGTGACTGATCAGGCTTTTGTCACACTAGCCACCAATGACAT
CTACTGCCAGGGCGCCCTGGTCTGGGGCAGTCACTGAGGAGACACAGGCTGACGAGGAAGCTGGTGGTG
TTGATCACTCCTCAGGTGTCCAGCCTGCTCAGGGTCATCCTCTCGAAGGTGTTTCGATGAAGTCATTGAAG
TGAATCTAATCGATAGTGCCGACTACATCCACCTGGCCTTTCTGAAGAGACCTGAGCTCGGGCTCACCT
CACCAAGCTTCACTGTTGGACTCTCACTCACTACAGCAAGTGTGTCTTCCTGGATGCAGACACTCTGGTG
CTGTCCAATGTCGATGAGCTGTTTGACAGGGGAGAGTTTTCTGCGGCCCGGACCCCGGATGGCCGGATT
GCTTCAATAGCGGGGTGTTTGCTTCCAGCCTTCTCTCCACACGCATAAACTCCTGCTACAGCACGCCAT
GGAACACGGCAGCTTTGACGGGGCAGACCAAGGCTTACTGAATAGTTTCTTCAGGAAGTGGTCGACCACA
GACATCCACAAGCACCTGCCGTTTCATCTATAACTTGAGTAGTAACACGATGTACACTTACAGCCCTGCCT
TCAAGCAATTCGGTTCAGTGCAAAGGTGCTCCACTTTTGGGGTCCATGAAACCTTGGAATACAAGTA
CAATCCACAGAGTGGCTCGGTGTTGGAGCAAGGCTCAGCGTCCAGCAGCCAGCACCAGGGCGCATTCCTT
CATCTCTGGTGGACGGTCTACCAGAACAACGTGCTGCCCTTTATAAAAGCGTCCAAGCGGGGAAGCAC
GCGCGTCTCCTGGTCACACACTTGGCCAGTGATGTGGGGGGGCGGTGTGCGGATTACGCTCTGGTGT
TGGAGAGCCGTGTGAAAATTCAACACCCAGTGCGGGCGTGCCGTGTGCAAATTCACCACTGGGTTCTAAC
CAGCCTGCTCAGGGCCTTCCGGAGCCGACCCAGATAGTGGATGAGACCCTGTCCCTACCTGAAGGACGCC
GTTCAGAAGATGTCGACCTGGCCGTCTCTGTTTCCAGATCTCCATCGAAGAGAAGGTGAAGGAATTGAG
CCCCGAGGAAGAGAGGAGGAAGTGGGAGGAAGGCCGTATCGACTACATGGGGAAGGACCGGTTTGCTCGC
ATCCAGGAGAAGCTGGACCGGTTCTGCAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC230068 representing NM_001184703 Red=Cloning site Green=Tags(s) MSETEFHGHAQAGLELLRSSNSPTSASQSAGMTVTDQAFVTLATNDIYCQGALVLGQSLRRHRLTRKLVV LITPQVSSLLRVILSKVFDEVIEVNLIDSADYIHLAFLKRPELGLTLTKLHCWTLTHYSKCVFLDADTLV LSNVDELFDGRGEFSAAPDPGWPCFNSGVFVFQPSLHTHKLLQHAMEHGSFDGADQGLLNSFFRNWSTT DIHKHLPFIYNLSSNTMYTYPFAFKQFGSSAKVVHFLGSMKPWNYKYNPQSGSVLEQGSASSSQHQAFL HLWWTYYQNNVLPPLYKSVQAGEARASPGHTLCHSDVGGPCADSASGVGEPCESTPSAGVPCANSPLGSN QPAQGLPEPTQIVDETLSLPEGRRSEVDLAVSVSQISIEEKVKELSPPEERRKWEEGRIDYMGKDAFAR IQEKLDRLFQ SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001184703
ORF Size:	1290 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_001184703.1</u> , <u>NP_001171632.1</u>
RefSeq ORF:	1293 bp
Locus ID:	8908
UniProt ID:	<u>O15488</u>
Cytogenetics:	Xp22.33
MW:	48 kDa