

Product datasheet for **RC229901A1V**

Human Glycogenin 1 (GYG1) (NM_001184720) AAV Particle

Product data:

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| Product Type: | AAV Particles |
| Product Name: | Human Glycogenin 1 (GYG1) (NM_001184720) AAV Particle |
| Tag: | Myc-DDK |
| Symbol: | Glycogenin 1 |
| Synonyms: | GSD15; GYG |
| Mammalian Cell Selection: | None |
| Vector: | pAAV-AC-Myc-DDK (PS100089) |
| ORF Nucleotide Sequence: | >RC229901 representing NM_001184720 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACAGATCAGGCCTTTGTGACACTAACCACAAACGATGCCTACGCCAAAGGTGCCCTGGTCTGGGAT
CATCTCTGAAACAGCACAGGACCACAGGAGGCTGGTCGTCTGCCACCCCTCAGGTCTCAGACTCCAT
GAGAAAAGTTTTAGAGACAGTCTTTGATGAAGTCATCATGGTAGATGTCTGGACAGTGGCGATTCTGCT
CATCTAACCTTAATGAAGAGGCCAGAGTTGGGTGTCACGCTGACAAAGCTCCACTGCTGGTCGCTTACAC
AGTATTCAAAATGTGTATTCATGGATGCAGACTCTGGTCCTAGCAAATATTGATGATCTTTTTGACAG
AGAAGAATTGTCAGCAGCACCAGACCCAGGGTGGCCTGACTGCTTCAATTCGGAGTCTTCGTTTATCAG
CCTTCAGTTGAAACATACAATCAGCTGTTGCATCTTGCTTCTGAGCAAGGTAGTTTTGATGGTGGGGACC
AAGGCATACTGAACACATTTTTTAGCAGCTGGGCAACAACAGATATCAGAAAACACCTGCCGTTTATTTA
TAACCTAAGCAGCATCTATATACTCCTACCTCCCGCATTAAAGTGTGGTGAAGTGCCAAAGTT
GTGATTTCTGGGACGAGTCAAACCATGGAATTATACTTATGATCCCAAAACAAAAAGTGC AAAAGTG
AGGCCCATGATCCCAACATGACTCATCCAGAGTTTCTCATCCTGTGGTGAACATCTTACCACCAACGT
TTTACCTCTGCTTCAACAATTTGGCCTTGTCAAAGACACCTGCTCATATGTAATGTGGAAGATGTCTCA
GGAGCCATATCACATCTGTCCCTTGGGAGATCCAGCTATGGCACAGCCGTTTGTATCCTCGGAAGAAC
GGAAGGAACGATGGGAACAGGGCCAGGCTGATTATATGGGAGCAGATTCTTTGACAACATCAAGAGGAA
ACTTGACACTTACCTCCAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|---|
| Protein Sequence: | >RC229901 representing NM_001184720 Red=Cloning site Green=Tags(s) MTDQAFVTLTTNDAYAKGALVLGSSLKQHRTRRRLVVLATPQVSDSMRKVLETVFDEIVIMVDVLDGDSA HLTLMKRPELGVTLTKLHCWSLTQYSKCVFMDADTLVLANIDDLFDREELSAAPDPGWPCFNQSGVFVYQ PSVETYNQLLHLASEQGSFDGGDQGILNTFFSSWATTDIRKHLPIYNLSSISIYSYLPFAFKVFGASAKV VHFLGRVKPWNYTYDPKTKSVKSEAHPNMTHPEFLILWWNIFTTNVLPLLQQFGLVKDTCSYVNVEDVS GAI SHLSLGEIPAMAQPFVSSSEERKERWEQGQADYMGADSFDNIRKRLDTYLQ TRTRPLEQKLI SEEDLAANDILDYKDDDDKV |
| Species: | Human |
| Serotype: | AAV-2 |
| ACCN: | NM_001184720 |
| ORF Size: | 999 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_001184720.1</u> , <u>NP_001171649.1</u> |
| RefSeq ORF: | 1002 bp |
| Locus ID: | 2992 |
| UniProt ID: | <u>P46976</u> |
| Cytogenetics: | 3q24 |
| MW: | 37.9 kDa |