

Product datasheet for **RC206063A1V**

Human **GUCY1A3 (NM_000856)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GUCY1A3 (NM_000856) AAV Particle
Tag:	Myc-DDK
Symbol:	GUCY1A3
Synonyms:	GC-S-alpha-1; GC-SA3; GCS-alpha-3; GUC1A3; GUCA3; GUCSA3; GUCY1A3; MYMY6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC206063 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTCTGCACGAAGCTCAAGGATCTCAAGATCACAGGAGAGTGTCTTTCTCCTTACTGGCACCAGGTC
AAGTTCCTAACGAGTCTTCAGAGGAGGCAGCAGGAAGCTCAGAGAGCTGCAAAGCAACCATGCCCATCTG
TCAAGACATTCCTGAGAAGAACATACAAGAAAGTCTTCCTCAAAGAAAAACAGTCGGAGCCGAGTCTAT
CTTCACACTTTGGCAGAGAGTATTTGCAAAGTATTTCCAGAGTTTGAACGGGTGAATGTTGCACTTC
AGAGAACATTGGCAAAGCACAAATAAAAGAAAGCAGGAAATCTTTGAAAGAGAAGACTTTGAAAAAC
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CGCTCCATTCTATGCCTGGATAAGGAGGATGATTTTCTACATGTTTACTACTTCTCCCTAAGAGAACC
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GCTCAAGATGGCTGAAGAAGAGGCTGGGGAAGCTGAAGGCTACCCTTGAGCAAGCCACCAAGCCCTGG
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CTGGCGTCGTTGGAGTTAAATGCCCGTTACTGTCTTTTGGAAACAATGTCACTCTGGCTAACAAATT
TGAGTCCTGCAGTGTAACACGAAAAATCAATGTGAGCCCAACAACCTTACAGATTACTCAAAGACTGTCCT
GGTTTCGTGTTTACCCCTCGATCAAGGGAGGAACTTCCACCAAACTTCCCTAGTGAAATCCCCGGAATCT
GCCATTTTCTGGATGCTTACCAACAAGGAACAACTCAAACCATGCTTCCAAAAGAAAGATGTGGAAGA
TGGCAATGCCAATTTTTAGGCAAGCATCAGGAATAGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC206063 protein sequence Red=Cloning site Green=Tags(s) MFCTKLKDLKITGECPFSLAPGQVPNESSEEAAGSSESCATMPICQDIPEKNIQESLPQRKTSRSRVY LHTLAESICKLIFPEFERLNVALQRTLAKHKIKESRKSLEREDFEKTIAEQAVAAGVPVEVIKESLGEEV FKICYEEDENILGVVGGTLKDFLNSFSTLLKQSSHQEQAGKRGRLLEDASILCLDKEDDFLHVYFFPKRT TSLILPGIIKAAAHVLYETEVEVSLMPPCFHNDCEFEVNPYLLYSVHMKSTKPSLSPSKPQSSSLVIPT LFCKTFPFHFMFDKMTILQFGNGIRRLMNRDFQGKPNFEEYFEILTPKINQTFSGIMTMLNMQFVVRV RRWDNSVKKSSRVMDLKGQMIYIVESSAILFLGSPCVDRLDFTGRGLYLSIDIHNALRDVVLIGEQRAR AQDGLKKRLGKLKATLEQAHQALEEEKKTVDLLCSIFPCEVAQQLWQQQVQAKKFSNVTMLFSDIVGF TAICSQCSPLQVITMLNALYTRFDQQCGELDVYKVTIGDAYCVAGGLHKESTHAYQIALMAVKMMELS DEVMSPHGEPIKMRIGLHSGSVFAGVVGKMPRYCLFGNNVTLANKFESCSVPRKINVSPPTTYRLLKDCP GFVFTPRSREELPPNFPSEIPGICHFLDAYQQGTNSKPCFQKKDVEDGNANFLGKASGID TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000856
ORF Size:	2070 bp
Buffer:	PBS with 0.001% Pluronic F5805
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_000856.2</u>
RefSeq Size:	9454 bp
RefSeq ORF:	2073 bp
Locus ID:	2982
UniProt ID:	<u>Q02108</u>
Cytogenetics:	4q32.1
MW:	77.5 kDa