

Product datasheet for **RC222626A1V**

Human GLCNE (GNE) (NM_005476) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GLCNE (GNE) (NM_005476) AAV Particle
Tag:	Myc-DDK
Symbol:	GNE
Synonyms:	DMRV; GLCNE; IBM2; NM; Uae1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC222626 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGAATGGAATAACCGAAAGCTGCGGTTTGTGTTGCTACTTGAACCGTGCAGATTATTCTA
 AACTTGCCCCGATCATGTTTGGCATTAAACCGAACCTGAGTTCTTTGAACTTGATGTTGTGGTACTTGG
 CTCTCACCTGATAGATGACTATGGAATACATATCGAATGATTGAACAAGATGACTTTGACATTAAACACC
 AGGCTACACACAATTGTGAGGGGAGAAGATGAGGCAGCCATGGTGGAGTCAGTAGGCCTGGCCCTAGTGA
 AGCTGCCAGATGTCCTTAATCGCCTGAAGCCTGATATCATGATTGTTTCATGGAGACAGGTTTGATGCCCT
 GGCTCTGGCCACATCTGCTGCCTTGATGAACATCCGAATCCTTCACATTGAAGGTGGGAAGTCACTGGG
 ACCATTGATGACTCTATCAGACATGCCATAACAAAAGTGGCTCATTATCATGTGTGCTGCACCCGAGTG
 CAGAGCAGCACCTGATATCCATGTGTGAGGACCATGATCGCATCCTTTTGGCAGGCTGCCCTTCCTATGA
 CAACTTCTCTCAGCCAAGAACAAGACTACATGAGCATCATTCGCATGTGGTAGGTGATGATGTAATA
 TCTAAAGATTACATTGTTGCACTACAGCACCTGTGACCACTGACATTAAAGATTCCATAAAAAATGTTTG
 AATTAACATTGGATGCACTTATCTCATTAAACAAGCGGACCCTAGTCCTGTTTCCAAATATTGACGCAGG
 GAGCAAAGAGATGGTTCGAGTGATGCGGAAGAAGGGCATTGAGCATCATCCCAACTTTTCGTGCAGTTAA
 CACGTCCCATTGACCACTTTATACAGTTGGTTGCCCATGCTGGCTGTATGATTGGGAACAGCAGCTGTG
 GGGTTCGAGAAGTTGGAGCTTTTGAACACCTGTGATCAACCTGGGAACACGTGAGATTGGAAGAGAAAC
 AGGGGAGAATGTTCTTCATGTCCGGGATGCTGACACCCAAGACAAAATATTGCAAGCACTGCACCTTCAG
 TTTGGTAAACAGTACCCTTGTCAAAGATATATGGGGATGGAATGCTGTTTCCAGGATTTTGAAGTTTC
 TCAAATCTATCGATCTCAAGAGCCACTGCAAAAGAAATCTGCTTTCTCCTGTGAAGGAGAATATCTC
 TCAAGATATTGACCATATTCTTGAAACTCTAAGTGCCTTGCCGTTGATCTTGGCGGGACGAACCTCCGA
 GTTGCAATAGTCAGCATGAAGGGTGAAATAGTTAAGAAGTATACTCAGTTCAATCCTAAAACCTATGAAG
 AGAGGATTAATTTAATCTACAGATGTGTGGAAGCTGCAGCAGAAGCTGTAAGTGAAGTGCAGAAAT
 TTTGGGAGTAGGCATTTCCACAGGTGGCCGTGTAATCCTCGGAAGGAATTGTGCTGCATTCAACCAAA
 CTGATCCAAGAGTGGAACCTGTGAGACCTTAGGACCCCTTTCTGACACTTTGCATCTCCCTGTGTGGG
 TAGACAATGATGGCAACTGTGCTGCCCTGGCGAAAGGAAATTTGGCCAAGGAAGGGACTGGAAAACCT
 TGTTACACTTATCACAGGCACAGGAATCGGTGGTGAATTATCCATCAGCATGAATTGATCCACGGAAGC
 TCCTTCTGTGCTGCAGAACTGGGCCACCTTGTGTGTCTCTGGATGGGCCTGATTGTTCTGTGGAAGCC
 ATGGGTGCATTGAAGCATACGCCTCTGGAATGGCCTTGCAAGAGGAGGCAAAAAAGCTCCATGATGAGGA
 CCTGCTCTTGGTGAAGGGATGTGAGTCCAAAAGATGAGGCTGTGGGTGCGCTCCATCTCATCCAAGCT
 GCGAAACTTGGCAATGCGAAGGCCAGAGCATCCTAAGAACAGCTGGAACAGCTTTGGGTCTTGGGGTTG
 TGAACATCCTCCATACCATGAATCCCTCCCTTGTGATCCTCTCCGGAGTCTGGCCAGTCACTATATCCA
 CATTGTCAAAGACGTATTGCCAGCAGGCCTTGTCTCCGTGCAGGACGTGGATGTGGTGGTTTCGGAT
 TTGGTTGACCCCGCCCTGCTGGGTGCTGCCAGCATGGTTCTGGACTACACAACACGCAGGATCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC222626 protein sequence Red=Cloning site Green=Tags(s) MEKNGNNRKLRCVATCNRADYSKLAPIMFGIKTEPEFFELDVVVLGSHLIDYGNTRYMIEQDDFDINT RLHTIVRGEDAAAMVESVGLALVKLPDVLNRLKPDIMIVHGDRFDALALATSAALMNIRILHIEGGEVSG TIDDSIRHAITKLAHYHVCCTSAEQHLISMCEHDHRIILAGCPSYDKLLSAKNKDYMSIIRMWLGDDVK SKDYIVALQHPVTTDIKHSIKMFELTLDALISFNKRTLVLFPNIDAGSKEMVRVMRKKGIEHHPNFRAVK HVPFDQFIQLVAHAGCMIGNSSCGVREVGAFGTPVINLGTQIGRETGENVLHVRDADTQDKILQALHLQ FGKQYPCSKIYGDGNAVPRILKFLKSIDLQEPLQKKFCFPPVKENISQDIDHILETL SALAVDLGGTNLR VAIVSMKGIEIVKKTQFNPKTYEERINLILQMCVEAAAEAVKLNCRILGVGISTGGRVNPREGIVLHSTK LIQEWNSVDLRTPLSDTLHLPVWVDNDGNCAALAEKFGQKGLENFVTLITGTGIGGGIIHQHELIHGS SFCAAEELGHLVSLDGPDCSCGSHGCI EAYASGMALQREAKKLHDEDL LVEGMSVPKDEAVGALHLIQA AKLGNKAQSILRTAGTALGLGVNLTHTMNP SLVILSGVLASHYI HIVKDVI RQQALSSVQD VDVVVSD LVDPALLGAASMVLDTTTRIY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005476
ORF Size:	2166 bp
Buffer:	PBS with 0.001% Pluronic F8540
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_005476.3</u>
RefSeq Size:	5329 bp
RefSeq ORF:	2169 bp
Locus ID:	10020
UniProt ID:	<u>Q9Y223</u>
Cytogenetics:	9p13.3
MW:	79.3 kDa