

Product datasheet for **RC202266A1V**

Human GNL1 (NM_005275) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GNL1 (NM_005275) AAV Particle
Tag:	Myc-DDK
Symbol:	GNL1
Synonyms:	HSR1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202266 representing NM_005275
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCCGAGGAAGAAGCCATTACGCGTGAAGCAGAAGAAGAAGCAGTTGCAGGACAAACGGGAGCGGAAGA
 GAGGGCTTCAAGATGGGCTGCGCTCCAGTTCCAACAGCCGCAGCGGGAGCCGGGAGCGGCAGAGGAACA
 GACCGACACCTCGGACGGGGAGTCTGTGACCCATCATATCCGCAGGCTTAACCAGCAGCCTTCTCAGGGG
 CTGGGTCCACGAGGCTACGACCCAAATCGATACCGACTGCATTTTGAGAGAGACAGCAGGGAGGAGGTAG
 AGAGGAGAAAGAGAGCAGCCCGGGAGCAAGTTCTACAGCCGGTCACTGCTGAGTTGTTGGAGCTGGACAT
 CCGGGAGGTGTATCAGCCTGGCTCAGTTCTGGACTTTCCTCGAGCTCCTCTGGAGCTATGAGATGTCC
 AAGGAGCAACTAATGAGCCAAGAGGAACGGAGCTTCCAAGACTATCTTGGGAAGATTCATGGGGCTTACT
 CCTCTGAGAACTCAGTACTTTGAGCACAATCTGGAGACATGGAGGCAGCTGTGGCGGGTGTAGAGAT
 GTCTGACATCGTCTGTATCACTGATATCCGACATCCAGTTGTGAATTTCCCGCCAGCACTTTATGAG
 TATGTGACTGGAGAACTTGGACTGGCCCTGGTGTGTTTTGAACAAGGTGGATCTGGCCCCGCCAGCTC
 TTGTGGTTGCCTGGAAGCATTATTTCCATCAACACTATCCCCAGCTCCACGTCTGCTCTTTTACCTCTTT
 TCCTCGGGACCCCGCACCCACAGGATCCTAGTAGTGTCTTGAAGAAGAGTCGGAGGCGGGGAGAGGA
 TGGACTCGGGCCCTGGGGCCAGAGCAGTTGCTGAGAGCCTGTGAAGCCATCACTGTGGGAAAGTGGACT
 TGAGCAGCTGGCGGGAAGATTGCTCGGGATGTGGCTGGGGCCACCTGGGGTAATGGCTCTGGGAGGA
 GGAGGAAGAGGAGGATGGCCAGCAGTCTGGTGGAGCAGCAGACTGATTCAGCAATGGAGCAACTGGC
 CCAACCAAGAGCGCTACAAGGATGGGGTGGTACCATCGGCTGTGTGGGTTCCCTAATGTGGGAAAGT
 CCTCGTGATCAATGGGCTGGTGGGGCGAAAGTCGTGAGTGTCTCCAGAACCCGGGCCATACCCGATA
 CTTTCAGACCTACTTTCTTACCCCTCTGTGAAGCTCTGTGACTGCCAGGCCTCATCTTCCCATCTCTT
 CTGCCTAGGCAGTTGCAGGTTCTGGCAGGGATCTACCCTATCGCCAGATCCAGGAGCCCTACACTGCTG
 TGGGCTACCTGGCCTCCGAATTCCTGTCAGGCCCTGCTCCACCTGCGCCACCCAGAGGCTGAGGACCC
 CTCAGCGGAACACCCCTGGTGTGCCTGGGACATCTGTGAAGCCTGGGCAGAGAAACGTGGTTACAAGACA
 GCCAAGGCGGCTCGGAATGATGTGTACAGAGCAGCCAACAGTCTCTTGCGGCTGGCAGTGGACGGCCGCC
 TCAGCCTGTGTTTTATCCCCAGGCTACAGTGAACAGAAAGGCACCTGGGAGTCCCATCCAGAGACCAC
 GGAGCTGGTGGTTTTGCAGGGCAGGGTGGGGCCAGCAGGTGACGAGGAGGAGGAGGAAGAGGAAGAGCTG
 AGCAGCTCCTGTGAGGAGGAGGAGAGGAGGACCGGGATGCGGATGAGGAGGAGAAGGGGATGAGGAGA
 CCCCACCTCGGCTCCAGGGTCCAGCCTGGCTGCCCCAACCCCTATGCCCTGCTGGGTGAGGATGAGTG
 C

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202266 representing NM_005275
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MPRKPFVSVKQKKQLQDKRERKRLQDGLRSSNSRSGSRERREEQTDTSDGESVTHHIRRLNQPSQG
 LGPRGYDPNRYRLHFERDSREEVERRKRAAREQVLQPVSAELLELDIREVYQPGSVLDFPRRPPWSYEMS
 KEQLMSQEERSFDYLGKIHGAYSSEKLSYFEHNLETWRLWRVLEMSDIVLLITDIRHPVNVFPALYE
 YVTGELGLALVLVNLKVDLAPPALVVAWKHYFHQHPQLHVLFSTFPRDPRTPQDPSSVLKKSRRRGRG
 WTRALGPEQLLRACEAITVGKVDLSSWREKIARDVAGATWNGSGEEEEEDGPVAVLEQQTDSAMEPTG
 PTQERYKDGVTIGCVGFPNVGKSSLINGLVGRKVVSVSRTPGHTRYFQTYFLTPSVKLCDCPGLIFPSL
 LPRQLQVLAGIYPIAQIQEPTYAVGYLASRIPVQALLHLRHPEAEDPSAEHPWCAWDICEAWAEKRGYKT
 AKAARNVYRAANSLLRLAVDGRSLCFHPPGYSEQKGTWESHPELTELVLQGRVGPAGDEEEEEEEEL
 SSSCEEEGEEDRDADEEGEGDEETPTSPAGSSLAGRNPYALLGEDEC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_005275
ORF Size:	1821 bp
Buffer:	PBS with 0.001% Pluronic F5314
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_005275.2, NP_005266.2</u>
RefSeq Size:	7925 bp
RefSeq ORF:	1824 bp
Locus ID:	2794
UniProt ID:	<u>P36915</u>
Cytogenetics:	6p21.33
MW:	68.7 kDa