

Product datasheet for **RC230312A1V**

Human GNL3L (NM_001184819) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GNL3L (NM_001184819) AAV Particle
Tag:	Myc-DDK
Symbol:	GNL3L
Synonyms:	GNL3B
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC230312 representing NM_001184819
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGATGAACTTAGACACAAAAATAAAAGCCAGGTGAAGGTTCCAAGGGCCACAAGAAGATAAGTTGGC
 CCTACCTCAGCCTGCAAAGCAAAATGGGAAGAAAGCAACCTCCAAAGTGCCCTCTGCACCTCATTTTGT
 TCAACCAATGATCATGCCAATCGAGAGGCTGAATTAAGAAGAAGTGGGTTGAGGAGATGAGGGAGAAG
 CAGCAAGCCGCCGGGAGCAAGAAAGACAAAAACGCAGGACCATTGAGAGCTACTGTGAGGATGTCCTAA
 GACGCCAGGAGGAGTTTGAAGATAAGGAGGAAGTTTGCAGGAATTAATATGTTTCTCAGCTGGATGA
 CGAGGCCACGAGGAAGGCTTATTACAAGGAGTTCCGTAAGGTGGTGAATACTCTGATGTGATTCTGGAA
 GTCCTGGATGCCAGAGACCCATTAGGCTGCCGCTGCTTCCAAATGGAGGAGGCTGTCCTGCGAGCACAAG
 GCAACAAGAAGCTGGTCTGCTTGAACAAGATTGACCTGGTCCCAAGGAGGTTGTGGAGAAATGGCT
 GGATTACCTTCGAATGAGTTGCCAACCGTGGCTTTCAAGGCCAGTACCAGCATCAGGTCAAAACCTG
 AATCGTTGCAGTGTGCCAGTAGATCAGGCCTCTGAGTCACTGCTGAAAAGCAAAGCCTGCTTTGGAGCTG
 AAAACCTCATGAGGGTTCTGGGGAATATTGCCGCTTGGTGAAGTGCACCCACATTCGTGTGGGTGT
 TGTGGGTCTTCCAATGTTGGGAAGAGCAGCCTGATCAATAGCCTGAAGCGCAGCCGCGCATGCAGCGTG
 GGAGCTGTTCTGGAATTACCAATTCATGCAGGAGTCTACCTGGACAAGTTTCATCCGCTCTTGGATG
 CTCCAGGCATTGTCCAGGGCCCACTCAGAGGTGGGCACCATCTGCGTAACTGCGTCCACGTGCAGAA
 GCTGGCAGACCTGTGACCCAGTGGAGACCATCTGCAGCGCTGCAACCTGGAGGAGATTTCCAATAT
 TATGGCGTCTCTGGGTTCAGACCACTGAGCACTTTCTGACGGCAGTGGCCACCGTTTGGGGAAGAAGA
 AGAAGGGAGGCTTATATAGTCAGGAACAGGCGGCCAAAGCTGTCCTAGCTGACTGGGTGAGCGGGAAGAT
 CAGCTTCTATATACCACCACGACCACTCACACTCTGCCACCCATCTCAGTGCTGAGATCGTTAAGGAA
 ATGACCGAGGTCTTTCATCGAGGATACTGAGCAGGCCAATGAAGACCCATGGAATGCTTGGCCACCG
 GAGAATCTGATGAGCTGTTGGGTGACACGGACCCACTTGAAATGGAGATCAAGTTGCTCCATTCTCCGAT
 GACGAAAATAGCAGATGCCATTGAAAATAAAACCACCGTGTATAAGATTGGAGATCTCACTGGGTATTGC
 ACCAATCCGAACCGTCATCAGATGGGTGGGCTAAACGCAATGTGGACCACCGCCCTAAGAGCAACAGTA
 TGGTGGATGTCTGCTCAGTGGACCGCCGCTCAGTGTGCAGAGGATCATGGAGACGACCCCTGCAACA
 GGGCCAGGCTCTGGCATCTGCCCTGAAAATAAGAAGAAGATGCAGAAACGTGCAGATAAAATCGCCAGC
 AAGCTGTCTGATTCCATGATGTCTGCTCTCGACCTCTCTGGCAATGCTGATGATGGTGTGGTGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MMKL RHKNKKPGEGSKGHKKISWPYPQPAKQNGKATSKVPSAPHFVHPNDHANREAE LKKKWEEMREK
 QQAAREQERQKRRTIESYCDVLRREQEEFEHKEEVLQELNMFQLDDEATRKAYYKEFRKVVEYSVILE
 VLDARDPLGCRCFQMEEAVLRAQGNKKLVVLNKLIDLPKEVVEKWL DYLRLNLPVAFKASTQHVKNL
 NRCSVPVDQASESLKSKACFGAENLMRVLGNVCRLGEVRTHIRVGVVGLPNVGKSSLINSLKRSRACSV
 GAVPGITKFMQEVYLDKFI RLLDAPGIVPGPNSEVG TILRNCVHVQKLADPVTPTVETILQRCNLEEISNY
 YGVSGFQTTEHFLTAVAHRLGKKKKGLYSQEQA KAVLADWVSGKISFYIPPPATHLPTHL SAEIVKE
 MTEVFDIEDTEQANEDTMECLATGESDELLGDTDPLEMEIKLLHSPMTKIADAIENKTTVYKIGDLTGYC
 TNPNRHQMGWAKRNVDRPKSNSMVDVCSVDRRSVLQRIMETDPLQGGQALASALKNNKKMQKRADKIAS
 KLSDSMMSALDLSGNADDDGVGD

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_001184819
ORF Size:	1746 bp
Buffer:	PBS with 0.001% Pluronic F9670
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_001184819.1</u>
RefSeq Size:	8690 bp
RefSeq ORF:	1749 bp
Locus ID:	54552
UniProt ID:	<u>Q9NVN8</u>
Cytogenetics:	Xp11.22
MW:	65.6 kDa