

Product datasheet for **RC203981A1V**

Human GNL3L (NM_019067) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GNL3L (NM_019067) 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:

>RC203981 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGATGAACTTAGACACAAAAATAAAAGCCAGGTGAAGGTTCCAAGGGCCACAAGAAGATAAGTTGGC
 CCTACCCTCAGCCTGCAAAGCAAAATGGGAAGAAAGCAACCTCCAAAGTGCCCTCTGCACCTCATTTTGT
 TCACCCCAATGATCATGCCAATCGAGAGGCTGAATTAAGAAGAAGTGGGTTGAGGAGATGAGGGAGAAG
 CAGCAAGCCGCCCGGGAGCAAGAAAGACAAAAACGCAGGACCATTGAGAGCTACTGTGAGGATGTCCTAA
 GACGCCAGGAGGAGTTTGAAGATAAGGAGGAAGTTTGCAGGAATTAATATGTTTCTCAGCTGGATGA
 CGAGGCCACGAGGAAGGCTTATTACAAGGAGTTCCGTAAGGTGGTGAATACTCTGATGTGATTCTGGAA
 GTCCTGGATGCCAGAGACCCATTAGGCTGCCGCTGCTTCCAAATGGAGGAGGCTGTCCTGCGAGCACAAG
 GCAACAAGAAGCTGGTCTGCTTGAACAAGATTGACCTGGTCCCAAGGAGGTTGTGGAGAAATGGCT
 GGATTACCTTCGGAATGAGTTGCCAACCGTGGCTTTCAAGGCCAGTACCAGCATCAGGTCAAAAACCTG
 AATCGTTGCAGTGTGCCAGTAGATCAGGCCTCTGAGTCACTGCTGAAAAGCAAAGCCTGCTTTGGAGCTG
 AAAACCTCATGAGGGTTCTGGGGAATATTGCCGCTTGGTGAAGTGCACCCACATTCGTGTGGGTGT
 TGTGGGTCTTCCCAATGTTGGGAAGAGCAGCCTGATCAATAGCCTGAAGCGCAGCCGCGCATGCAGCGTG
 GGAGCTGTTCTGGAATTACCAATTCATGCAGGAGGCTACCTGGACAAGTTTCATCCGGCTCTTGGATG
 CTCCAGGCATTGTCCAGGGCCCACTCAGAGGTGGGCACCATCTGCGTAACTGCGTCCACGTGCAGAA
 GCTGGCAGACCTGTGACCCAGTGGAGACCATCTGCAGCGCTGCAACCTGGAGGAGATTTCCAATAT
 TATGGCGTCTCTGGGTTCAGACCACTGAGCACTTTCTGACGGCAGTGGCCACCGTTTGGGGAAGAAGA
 AGAAGGGAGGCTTATATAGTCAGGAACAGGCGGCCAAAGCTGTCCTAGCTGACTGGGTGAGCGGGAAGAT
 CAGCTTCTATATACCACCACCGCCACTCACACTCTGCCACCCATCTCAGTGCTGAGATCGTTAAGGAA
 ATGACCGAGGTCTTTGACATCGAGGATACTGAGCAGGCCAATGAAGACCCATGGAATGCTTGGCCACCG
 GAGAATCTGATGAGCTGTTGGGTGACACGGACCCACTTGAAATGGAGATCAAGTTGCTCCATTCTCCGAT
 GACGAAAATAGCAGATGCCATTGAAAATAAAACCACCGTGTATAAGATTGGAGATCTCACTGGGTATTGC
 ACCAATCCGAACCGTCATCAGATGGGTGGGCTAAACGCAATGTGGACCACCGCCCTAAGAGCAACAGTA
 TGGTGGATGTCTGCTCAGTGGACCGCCGCTCAGTGTGCAGAGGATCATGGAGACGACCCCTGCAACA
 GGGCCAGGCTCTGGCATCTGCCCTGAAAAATAAGAAGAAGATGCAGAAACGTGCAGATAAAATCGCCAGC
 AAGCTGTCTGATTCCATGATGTCTGCTCTCGACCTCTCTGGCAATGCTGATGATGGTGTGGTGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203981 protein sequence
 Red=Cloning site Green=Tags(s)

MMKL RHKNKKPGEGSKGHKKISWPYPQPAKQNGKKATSKVPSAPHFVHPNDHANREAEKKKWEEMREK
 QQAAREQERQKRRTIESYQDVLRRQEFEHKEEVLQELNMFQLDDEATRKAYYKEFRKVVEYSVILE
 VLDARDPLGCRCFQMEEAVLRAQGNKKLVVLNKLIDLPKEVVEKWL DYLRLNLPVAFKASTQHVKNL
 NRCSVPVDQASESLKSKACFGAENLMRVLGNVCRLGEVRTHIRVGTVGLPNVGKSSLINSLKRSRACSV
 GAVPGITKFMQEVYLDKFI RLLDAPGIVPGNSEVGTILRNCVHVQKLADPVTPTVETILQRCNLEEISNY
 YGVSGFQTTEHFLTAVAHRLGKKKKGLYSQEQAQAVLADWVSGKISFYIPPPATHLPTHL SAEIVKE
 MTEVFDIEDTEQANEDTMECLATGESDELLGDTDPLEMEIKLLHSPMTKIADAIENKTTYKIGDLTGYC
 TNPNRHQMGWAKRNVDRPKSNSMVDVCSVDRRSVLQRI METDPLQGGQALASALKNNKKMQKRADKIAS
 KLSDSMMSALDLSGNADDDGVGD

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_019067
ORF Size:	1746 bp
Buffer:	PBS with 0.001% Pluronic F5510
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_019067.4</u>
RefSeq Size:	8573 bp
RefSeq ORF:	1749 bp
Locus ID:	54552
UniProt ID:	<u>Q9NVN8</u>
Cytogenetics:	Xp11.22
MW:	65.6 kDa