

Product datasheet for **RC200184A1V**

Human GNL2 (NM_013285) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GNL2 (NM_013285) AAV Particle
Tag:	Myc-DDK
Symbol:	GNL2
Synonyms:	HUMAUANTIG; Ngp-1; NGP1; Nog2; Nug2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200184 representing NM_013285
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGAAGCCCAAGTACAAAGGACGGAGCACCATCAACCCGTCCAAGGCCAGCACAAACCCAGATCGAG
 TGCAGGGAGCAGGAGGCCAAACATGAGGGACCGGCCACCATCCGGCGCCTGAATATGTATAGGCAAAA
 GGAGCGCAGGAACAGTCGTGGTAAATTAATAACCCCTGCAATATCAATCAACGGTGGCTTCTGGCACA
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 AATTTCAAGAGGAAATGGATACAGTTATGAAGGATCCATACAAAGTTGTCATGAAGCAAAGCAAGTTACC
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 GGGGAGGAAGTCACAGAACTGCAGGTGAAGGGTCAGAATCCATCATTAAAGGAAGAAACAGAAGAGAACA
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 AGCTTTTCTGATGAAGAGGAGGAGGAACAGGAGCAACAAAGAGATGATGCGGAAGAGTCTTCTCGGAGC
 CTGAGGAGGAAAATGTGGGAAACGACACCAAGCCGTTATTAAGCACTGGATGAGAAGATTGCCAAATA
 TCAGAAGTTTCTAGACAAAGCCAAAGCCAAAAAGTTTTTCAGCAGTCAGAATATCCAAGGGACTGAGTGAA
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 AAAAGGGAAAGAGCGGAAGGCACAAAGGGAAGAGGAACAGGAACATTCAAATAAAGCTCCCAGGGCGCT
 TACATCAAAAGAACGGAGGCGAGCAGTACGACAGCAACGGCCGAAAAAAGTTGGTGTGCGCTACTATGAA
 ACACACAACGTGAAAAATAGGAACAGGAACAAAAAGAAGACCAATGACTCAGAGGGACAGAAACACAAAC
 GCAAAAAATTCAGACAAAAGCAG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC200184 representing NM_013285 Red=Cloning site Green=Tags(s) MVKPKYKGRSTINPSKASTNPDRVQGAGGQNMRRDRIIRRLNMYRQKERRNSRGKIIKPLQYQSTVASGT VARVEPNIKWFGNTRVIKQSSLQKFQEEMDTVMKDPYKVVMMQSKLPMSLLHDIRPHNLKVHILDTESF ETTFGPKSQRKRPNLFASDMQSLIENAEMSTESYDQGKDRDLVTEDTGVRENAQEEIYKKGQSKRIWGEL YKVIDSSDVVVQVLDARDPMGTRSPHIETYLLKKEKPKWHLIFVLNKCIDLPTWATKRWVAVLSQDYPTLA FHASLTNPFQKGAFIQLLRQFGKLHTDKKQISVGFIGYPNVGKSSVINTLRSKKVCNVAPIAGETKVWQY ITLMRRIFLIDCPGVVYPSSESETDIVLKGVVQVEKIKSPEDHIGAVLERAKPEYISKTYKIDSWENAED FLEKLAFRTGKLLKGGEPLDQTVGKMLNDWQRGRIPFFVKPPNAEPLVAPQLLPSSSLEVPEAAQNNP GEEVTETAGEGSEIIKEETEENSHCDANTEMQQILTRVRQNFQKINVVPQFSGDDLVPVEVSDLEEELE SFSDEEEEEEQEQRRDAEESSEPEEENVGNDTKAVIKALDEKIAKYQKFLDKAKAKKFSAVRISKGLSE KIFAKPEEQRTLEEDVDDRAPSCKGKKRKAQREEEQEHSNKAPRALTSKERRRAVRQQRPKKVGVRYYE THNVKNRNRNKKKTNDSEGQKHKKFRQKQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_013285
ORF Size:	2193 bp
Buffer:	PBS with 0.001% Pluronic F5023
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_013285.2</u>
RefSeq Size:	2419 bp
RefSeq ORF:	2196 bp
Locus ID:	29889
UniProt ID:	<u>Q13823</u>
Cytogenetics:	1p34.3
MW:	83.7 kDa