

Product datasheet for **RC208708A1V**

Human GALNS (NM_000512) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GALNS (NM_000512) AAV Particle
Tag:	Myc-DDK
Symbol:	GALNS
Synonyms:	GalN6S; GALNAC6S; GAS; MPS4A
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC208708 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCGGTTGTCGCGGCACGAGGTGGTGGCAGCTGTTGCTGGTCTCAGCGCCGCGGGATGGGG
 CCTCGGGCGCCCGCAGCCCCCAACATCCTGCTCCTGCTCATGGACGACATGGGATGGGGTGACCTCGG
 GGTGTATGGAGAGCCCTCCAGAGAGACCCGAATTTGGACCGGATGGTGCAGAAGGGCTGCTTTTCCCA
 AACTTCTATTCTGCCAACCTCTGTGCTCGCCATCGAGGGCGGCACTGCTCACAGGACGGCTACCCATCC
 GCAATGGCTTCTACACCACCAACGCCCATGCCAGAAACGCCTACACCCGAGGAGATTGTGGCGGCAT
 CCCAGACTCGGAGCAGCTCCTGCCGAGCTTCTGAAGAAGGCCGGCTACGTACAGCAAGATTGTGGCAAG
 TGGCATCTGGGTACAGGCCCGAGTTCCACCCCTGAAGCACGGATTTGATGAGTGGTTTGGATCCCCCA
 ACTGCCACTTTGGACCTTATGACAACAAGGCCAGGCCAACATCCCTGTGTACAGGGACTGGGAGATGGT
 TGGCAGATATTATGAAGAATTTCTATTAATCTGAAGACGGGGGAAGCCAACCTACCCAGATCTACCTG
 CAGGAAGCCCTGGACTTCATTAAGAGACAGGCACGGCACCCCTTTTCTCTACTGGGCTGTGACG
 CCACGCACGACCCGCTATGCCTCCAAACCTTCTTGGGCACCACTCAGCGAGGGCGGTATGGAGACGC
 CGTCCGGGAGATTGATGACAGCATTGGGAAGATACTGGAGCTCCTCCAAGACCTGCACGTGCGGACAAC
 ACCTTCGTCTTCTTACGTGCGACAACGGCGTGCCCTCATTTCCGCCCCGAACAAGGTGGCAGCAACG
 GCCCTTTCTGTGTGGGAAGCAGACACGTTTGAAGGAGGGATGAGGGAGCCTGCCCTCGCATGGTGGCC
 AGGGCAGCTACTGCAGGCCAGGTGAGCCACAGCTGGGCAGCATCATGGACCTTTCACCACAGCCTG
 GCCCTTTCGGGGCTGACGCCGCCAGCGACAGGGCCATTGATGGCCTCAACCTCCTCCCAACCTCCTGC
 AGGGCCGGCTGATGGACAGGCCATCTTCTATTACCGTGGCAGACGCTGATGGCGGCCACCCTCGGCA
 GCACAAGGCTCACTTCTGGACCTGGACCACTCCTGGGAGAATTTCAGACAGGGCATTGATTTCTGCCCT
 GGGCAGAACGTTTCAGGGGTCACAACTCACAATCTGGAAGACCACAGAAGCTGCCCTGATCTTCCACC
 TGGGACGGGACCCAGGGGAGAGGTTCCCTCAGCTTTGCCAGCGCCGAGTACCAGGAGGCCCTCAGCAG
 GATCACCTCGGTGCTCCAGCAGCACCAGGAGGCCTTGGTCCCCGCGCAGCCCCAGCTCAACGTGTGCAAC
 TGGGCGGTGATGAAGTGGGCACCTCCGGGCTGTGAAAAGTTAGGGAAGTGTCTGACACCTCCAGAATCCA
 TTCCAAGAAGTGCTCTGGTCCAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208708 protein sequence
 Red=Cloning site Green=Tags(s)

MAAVVAATRWQLLLVLSAAGMGASGAPQPPNILLMLDDMGWDLGVYGEPSRETPNLDMAEGLLFP
 NFYSANPLCSPSRAALLTGRLPIRNGFYTTNAHARNAYTPQEIVGGIPDSEQLLPELLKKAGYVSKIVGK
 WHLGHRPQFHPLKHGFDEWFGSPNCHFGPYDNKARNIPVYRDWEMVGRYYEFPINLKTGEANLTQIYL
 QEALDFIKRQARHHPFFLYWAVDATHAPVYASKPFLGTSQGRGYGDAVREIDDSIGKILELLQDLHVADN
 TFVFFTSNDGAALISAPEQGSNGPFLCGKQTTFEGGMREPALAWWPGHVTAGQVSHQLGSIMDLFTTSL
 ALAGLTPPSDRAIDGLNLLPTLLQGRMLDRPIFYRGTDLMAATLGQHKAHFWTNSWENFRQIDFCP
 GQNVSGVTTHNLEDHTKLPLIFHLGRDPGERFPLSFASAEYQEALSRITSVVQQHQEALVPAQPQLNVNC
 WAVMNWAPPGCEKLGKCLTPPESIPKKCLWSH

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDK**V**

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000512

ORF Size:

1566 bp

Buffer:	PBS with 0.001% Pluronic F68
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_000512.3</u>
RefSeq Size:	2380 bp
RefSeq ORF:	1569 bp
Locus ID:	2588
UniProt ID:	<u>P34059</u>
Cytogenetics:	16q24.3
MW:	58 kDa