

Product datasheet for **RC230269A1V**

Human GALNTL1 (GALNT16) (NM_001168368) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GALNTL1 (GALNT16) (NM_001168368) AAV Particle
Tag:	Myc-DDK
Symbol:	GALNTL1
Synonyms:	GalNAc-T16; GALNACT16; GALNTL1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC230269 representing NM_001168368
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGGAAGATCCGCGCCAATGCCATCGCCATCCTGACCGTAGCCTGGATCCTGGGCACTTTCTACTACT
 TATGGCAGGACAACCGAGCCACGCAGCATCCTCCGGCGCCGGGGCGCGCAGAGGGCAGGCAGGAGGTC
 GGAGCAGCTCCGCGAGGACCGCACCATCCCGCTCATTGTGACAGGAACCCCTCGAAAGGCTTTGATGAG
 AAGGCCTACCTGTCGGCCAAGCAGCTGAAGGCTGGAGAGGACCCCTACAGACAGCACGCCTTCAACCAGC
 TGGAGAGTGACAAGCTGAGCCCAGACCGGCCATCCGGGACACCCGCCATTACAGCTGCCATCTGTGTC
 CTACTCCTCGGACCTGCCAGCCACCAGCGTCATCATCACCTTCCACAATGAGGCCGTTCCACCCTGCTG
 CGCACAGTGAAGAGTGTCTGAACCGAACTCCTGCCAATTGATCCAGGAGATCATTTTAGTGGATGACT
 TCAGCTCAGATCCGGAAGACTGTCTACTCCTGACCAGGATCCCCAAGGCAAGTGCCTGCCAATGATCG
 GCGGGAAGGGCTGATCCGGTCCCGAGTGGTGGGGCGGACGTGGCTGCAGCTACCGTTCTCACCTTTCTG
 GATAGCCACTGCGAAGTGAACACCGAGTGGCTGCCGCCATGCTGCAGCGGGTGAAGGAGGACCACCC
 GCGTGGTGAGTCCCATCATTGATGTCATCAGTCTGGATAATTTGCCTACCTTGACGATCTGCTGACCT
 TCGTGGAGGGTTCGACTGGAGCCTGCATTTCAAGTGGGAGCAGATCCCTCTTGAGCAGAAGATGACCCGG
 ACAGACCCACCAGGCCATAAAGGACGCTGTATAGCTGGAGGAATCTTCGTGATCGACAAGTCTGGT
 TTAACCACTGGGAAAGTATGATGCCAGATGGACATCTGGGGGGGAGAGAATTTGAGCTCTCCTTCAG
 GGTGTGGATGTGTGGTGGCAGTCTGGAGATCGTCCCCTGCAGCCGGTGGGCCATGTCTTCAGGAAACGG
 CACCCCTACAACCTCCCTGAGGGTAATGCCCTCACCTACATCAGGAATACTAAGCGCACTGCAGAAGTGT
 GGATGGATGAATAACAAGCAATACTACTATGAGGCCCGCCCTCGGCCATCGGGAAGGCCCTCGGCAGTGT
 GGCTACGCGGATAGAGCAGAGGAAGAAGATGAACTGAACTGCAAGTCTTCCGCTGGTACCTGGAGAAGCTAC
 CCAGAGCTCACGGTCCCGTGAAGGAAGCACTCCCGGCATCATTAAAGCAGGGGGTGAATGCTTAGAAT
 CTCAGGGCCAGAACACAGCTGGTACTTCTGCTTGAATGGGGATCTGCAGAGGGTCTGCCAAGAACC
 GCAGCCCGCCAGGCATGGCTGTTCACTGACCCTCATCCAGCAGCAGGGGAAGTGCCTGGCTGCCACC
 TCCACCTTAATGTCTCCCTGGATCCCGAGTCACTGCAGATGTGCAACCCTAGAGAAGGCAAGCAGA
 AATGGAGGAGAAAAGGATCTTTCATCCAGCATTAGTCACTGGCCTCTGCCTGGAGACAAAGCCTGCCCA
 GCTGGTGACCAGCAAGTGTGAGCTGACGCCAGGCCAGCAGTGGCAGCTGTTGCCACACACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MRKIRANAIAILTVAWILGTFYYLWQDNRAHAASSGGRGAQRAGRREQLREDRTIPLIVTGTPSKGFDE
 KAYLSAKQLKAGEDPYRQHAFNQLESDKLSRDRPIRDRHYSCPSVSYSSDLPATSVIITFHNEARSTLL
 RTVKSVLNRTPANLIQEIILVDDFSSDPEDCLLLTRIPKVKCLRNDREGLIRSRVRGADVAAATVLTFL
 DSHCEVNTWELPPMLQRVKEDHTRVVSPIIDVISLDNFAYLAASADLRGGFDWSLHFKWEQIPLEQKMT
 TDPTRPVIRTPVIAGGIFVIDKSWFNHLGKYDAQMDIWWGGENFELSFRVWMCSSLEIVPCSRVGHVFRK
 HPYNFPEGNALTYIRNTKRTAEVWMDYKQYYEARPSAIGKAFGSVATRIEQRKMNCKSFRWYLENVY
 PELTVPVKEALPGI IKQGVNCLLESQGNQTAGDFLLGMGICRGS AKNPQPAQAWLFSDDL IQQGGKCLAAT
 STLMSPPGSPVILQMCNPREGKQKWRKGSFIQHSVSGLCLETQPAQLVTSKQADAQAQQWQLLPH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001168368

ORF Size:	1674 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_001168368.1</u>
RefSeq ORF:	1677 bp
Locus ID:	57452
UniProt ID:	<u>Q8N428</u>
Cytogenetics:	14q24.1
MW:	63.5 kDa