

Product datasheet for **RC214166A1V**

Human GALNT1 (NM_020474) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GALNT1 (NM_020474) AAV Particle
Tag:	Myc-DDK
Symbol:	GALNT1
Synonyms:	GALNAC-T1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC214166 representing NM_020474
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGAAAATTTGCATACTGCAAGGTGGTCTAGCCACCTCCTTGATTGGGTACTCTTGGATATGTTCC
 TGCTGCTTTACTTCAGTGAATGCAACAAATGTGATGAAAAAAGGAGAGAGGACTTCCTGCTGGAGATGT
 TCTAGAGCCAGTACAAAAGCCTCATGAAGGTCTGGAGAAATGGGAAACCAGTCGTCATTCTAAAGAG
 GATCAAGAAAAGATGAAAGAGATGTTTAAATCAATCAGTTCAATTTAATGGCAAGTGAGATGATTGCAC
 TCAACAGATCTTTACCAGATGTTAGGTTAGAAGGGTGTAAACAAAGGTGTATCCAGATAATCTTCTAC
 AACAGTGTGGTGATTGTTTCCACAATGAGGCTTGGAGCACACTTCTGCGAACTGTCCATAGTGCATT
 AATCGCTCACCAAGACACATGATAGAAGAAATGTTCTAGTAGATGATGCCAGTGAAAGAGACTTTTGA
 AAGGCCTTTAGAGAGTTATGTAAAAAATAAAAGTACCAGTTCATGTAATTCGAATGGAACAACGTTT
 TGGATTGATCAGAGCTAGATTAAGAGGAGCTGCTGTCTAAAGGCCAAGTGATCACCTTCTGGATGCC
 CATTGTGAGTGTACAGTGGGATGGCTGGAGCCTCTCTGGCCAGGATCAAACATGACAGGAGAACAGTGG
 TGTGTCCCATCATCGATGTGATCAGTGATGATACTTTGAGTACATGGCAGGCTCTGATATGACCTATGG
 TGGGTTCAACTGGAAGCTCAATTTTCGCTGGTATCCTGTTCCCAAGAGAGAAATGGACAGAAGGAAAGGT
 GATCGGACTCTTCTGTGAGGACACCTACCATGGCAGGAGGCCTTTTTCATAGACAGAGATTACTTTC
 AGGAAATTGGAACATATGATGCTGGAATGGATATTTGGGAGGAGAAAACCTAGAAATTTCTTTAGGAT
 TTGGCAGTGTGGAGGAACCTTTGGAATTTGTTACATGCTCACATGTTGGACATGTGTTTCGAAAGCTACA
 CCTTACACGTTTCCAGGAGGCACAGGGCAGATTATCAATAAAATAACAGACGACTTGCAGAAGTGTTGA
 TGGATGAATTCAGAATTTCTTCTATATAATTTCTCCAGGTGTTACAAAGGTAGATTATGGAGATATATC
 GTCAAGAGTTGGTCTAAGACACAACTACAATGCAAACTTTTCTGGTACCTAGAGAAATATATATCCT
 GATTCTCAAAATCCACGTCACTATTTCTCATTGGGAGAGATACGAAATGTGAAACGAATCAGTGCTAG
 ATAACATGGCTAGAAAAGAGAATGAAAAAGTTGGAATTTTAAATGCCATGGTATGGGGGTAAATCAGGT
 TTTCTCTTATACTGCCAACAAGAAATAGAACAGATGACCTTTGCTTGGATGTTTCAAACCTAATGGC
 CCAGTTACAATGCTCAAATGCCACCACCTAAAAGGCAACCACTCTGGGAGTATGACCCAGTGAAATTA
 CCCTGCAGCATGTGAACAGTAATCAGTGCCTGGATAAAGCCACAGAAGAGGATAGCCAGGTGCCAGCAT
 TAGAGACTGCAATGGAAGTCGGTCCAGCAGTGGCTTCTCGAAACGTCAACCTGCCAGAAATATTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MRKFAYCKVVLATSLIWVLLDMFLLLYFSECNKDEKKERGLPAGDVLEPVQKPHEGPGEMGKPVVIPKE
 DQEKMKEMFKINQFNLMASEMIALNRSLPDVRLEGCKTKVYPDNLPTTSVVIVFHNEAWSTLLRTVHSV
 NRSRPHMIEEIVLVDDASERDFLKRPLESYVKKLVKVPVHVIRMEQRSLIRARLKGAAVSKGQVITFLDA
 HCECTVGWLEPLLARIKHDRRTVVCPIIDVISDDTFEYMGASDMTYGGFNWKLNFRWYPVPQREMDRRKG
 DRTLPRVPTMAGGLFSIDRDYFQEIPTYDAGMDIWGGENLEISFRIWQCGGTLEIVTCSHVGHVFRKAT
 PYTFPGGTGQIINKNNRRLAEVWMDEFKNFFYIISPGVTKVDYGDISSRVGLRHLQCKPFSWYLENIYP
 DSQIPRHYFSLGEIRNVETNQCLDNMARKENKVGIFNCHGMGGNQVFSYTANKEIRTDCLDVSKLNG
 PVTMLKCHHLKGNQLWEYDPVKLTQLHVNSNQCLDKATEEDSQVPSIRDCNGSRSQWLLRNVTLP EIF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_020474

ORF Size:	1677 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_020474.2</u>
RefSeq Size:	3778 bp
RefSeq ORF:	1680 bp
Locus ID:	2589
UniProt ID:	<u>Q10472</u>
Cytogenetics:	18q12.2
MW:	64 kDa