

Product datasheet for **RC207893A1V**

Human GALNT2 (NM_004481) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GALNT2 (NM_004481) AAV Particle
Tag:	Myc-DDK
Symbol:	GALNT2
Synonyms:	CDG2T; GalNAc-T2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207893 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCGGGCGGCTCGCGGATGCTGCTCTGCTTCGCCTTCTGTGGGTGCTGGGCATCGCCTACTACATGT
 ACTCGGGGGCGGCTCTGCGCTGGCCGGGGCGCGGGCGCGCCGGCAGGAAGGAGGACTGGAATGA
 AATTGACCCCATTAAGAAAGAACCTTCATCACAGCAATGGAGAAGAGAAAGCACAAGCATGGAGACC
 CTCCCTCCAGGAAAGTACGGTGGCCAGACTTTAACCAGGAAGCTTATGTTGGAGGGACGATGGTCCGCT
 CCGGGCAGGACCTTACGCGGCAACAAGTTCAACCAGGTGGAGAGTGATAAGCTTCGAATGGACAGAGC
 CATCCCTGACACCCGGCATGACCAAGTGTGAGCGGAAGCAGTGGCGGTGGATCTGCCGGCCACGAGCGTG
 GTGATCACGTTTACAATGAAGCCAGGTGGCCCTACTCAGGACCGTGGTACGCGTGCTTAAGAAAAGCC
 CGCCCCATCTCATAAAGAAATCATCTTGGTGGATGACTACAGCAATGATCCTGAGGACGGGCTCTCTT
 GGGGAAAATTGAGAAAGTGCAGTTCTTAGAAATGATCGACGAGAAGGCCTCATGCGCTACGGGTTTCGG
 GGGGCCGATGCTGCCAAGCCAAGTCTGACCTTCTGGACAGTCACTGCGAGTGTAATGAGCACTGGC
 TGGAGCCCTCTGGAAGGGTGGCGGAGGACAGGACTCGGGTGTGTACCCATCATCGATGTCATTAA
 TATGGACAACCTTTCAGTATGTGGGGCATCTGCTGACTTGAAGGGCGGTTTTGATTGGAAGTTGGTATTC
 AAGTGGGATTACATGACGCTGAGCAGAGAAGTCCCGCAGGGGAACCCAGTCGCCCCATAAAACCC
 CCATGATTGCTGGTGGCTGTTTGTGATGGATAAGTTCTATTTGAAGAACTGGGAAGTACGACATGAT
 GATGGATGTGTGGGAGGAGAGAACCTAGAGATCTCGTCCGCGTGTGGCAGTGTGGTGGCAGCTGGAG
 ATCATCCCGTGCAGCCGTGTGGGACACGTGTTCCGGAAGCAGCACCCCTACACGTTCCCGGTGGCAGTG
 GCACTGTCTTTGCCGAAACACCCCGGGCAGCAGAGGTCTGGATGGATGAATACAAAAATTTCTATTA
 TGCAGCAGTGCCTTCTGCTAGAAACGTTCTTATGGAATATTCAGAGCAGATTGGAGCTTAGGAAGAAA
 CTCAGCTGCAAGCCTTCAATGGTACCTTGAATATGTCTATCCAGAGTTAAGGGTTCAGACCATCAGG
 ATATAGCTTTGGGGCTTGCAGCAGGGAACCTAAGTGCCTCGACACTTTGGGACACTTTGCTGATGGTGT
 GGTTGGAGTTTATGAATGTCACAATGCTGGGGAAACAGGAATGGGCTTGACGAAGGAGAAGTCAGTG
 AAGCACATGGATTTGTCCTTACTGTGGTGGACCGGGCACCAGGCTCTCTATAAAGCTGCAGGGCTGCC
 GAGAAAATGACAGCAGACAGAAATGGGAACAGATCGAGGGCACTCCAAGCTGAGGCACGTGGGCAGCAA
 CCTGTGCTGGACAGTCGCACGCCAAGAGCGGGGCCCTAAGCGTGGAGGTGTGTGGCCCGCCCTTTCG
 CAGCAGTGAAGTTCACGCTCAACCTGCAGCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207893 protein sequence
 Red=Cloning site Green=Tags(s)

MRRRSRMLLCFAFLWVLGIAYMYSGGGSALAGGAGGAGRKEDWNEIDPIKKDLHHSNGEKAQSMET
 LPPGKVRWPDFNQEAYVGGTMVRSGQDPYARNKFQVESDKLRMDRAIPDTRHDQCQRKQWRVDLPATSV
 VITFHNEARSALLRTVVSVLKKSPPHLIKEIILVDDYSDNPEDGALLGKIEKVRVLRNDRREGLMRSRVR
 GADAAQAKVLTFLDSHCECNEHWLEPLLERVAEDRTRVVSPIIDVINMDNFQYVGASADLKGGFDWNLVF
 KWDYMTPEQRRSRQGNPVAPIKTPMIAAGLFVMDKIFYFEELGKYDMMMDVWGGENLEISFRVWQCGGSLE
 IIPCSRVGHVFRKQHPYTFPGSGTVFARNTRRAAEVWMDEYKNFYAAVPSARNVPYGNIQSRLELRKK
 LSCPKFKWYLENVYPELRVPDQDIAFGALQQGTNCLDTLGHFADGVVGVYECHNAGGNQEWALTKEKSV
 KHMCLCLTVVDRAPGSLIKLQGCRENDSRQKWEQIEGNSKL RHVGSNLCDSRTAKSGGLSVEVCGPALS
 QQWKFTLNLQQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_004481
ORF Size:	1713 bp
Buffer:	PBS with 0.001% Pluronic F6148
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_004481.2</u>
RefSeq Size:	4484 bp
RefSeq ORF:	1716 bp
Locus ID:	2590
UniProt ID:	<u>Q10471</u>
Cytogenetics:	1q42.13
MW:	64.7 kDa