

Product datasheet for **RC206913A1V**

Human **B3GALNT2 (NM_152490)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human B3GALNT2 (NM_152490) AAV Particle
Tag:	Myc-DDK
Symbol:	B3GALNT2
Synonyms:	B3GalNAc-T2; MDDGA11
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC206913 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGAAACTGGCTGGTGTCTGTGTGCCCGTGTGTCTCGGGGCCGCGCTGCACCTCTGGCTGCGGCTGC
 GCTCCCGCGCCCGCCCTGCGCCTCCGGGGCCGGCCCTGCAGATCAGTTGGCCTTATTTCTCAGTGGA
 ATCTACTCACTATGATGTGGTAGTTGGCGTGTTGTCTCAGCTCGCAATAACCATGAACCTCGAAACGTGATA
 AGAAGCACCTGGATGAGACATTTGCTACAGCATCCACATTAAGTCAACGTGTGCTTGTGAAGTTCATAA
 TAGGTGCTCATGGCTGTGAAGTGCCTGTGAAGACAGGGAAGATCCTTATTCTGTAAACTACTCAACAT
 CACAAATCCAGTTTGAATCAGGAAATTGAAGCGTTCAGTCTGTCCGAAGACACTTCATCGGGGCTGCCT
 GAGGATCGAGTTGTCAGCGTGAGTTTCCGAGTTCTCTACCCCATCGTTATTACAGTCTTGGAGTGTCT
 ACGATGCCAATGATGTGGGTTTCCAGAGAACATCACTGTCAAACCTTATCAGGCAGAACAGAGGAGGC
 CCTCTTATTGCTCGCTTCAGTCTCAAGCTGTGGTGTGCAGGTGAACAAGCTGTGGTACAAGCCCGTG
 GAACAATTCATCTTACCAGAGAGCTTTGAAGGTACAATCGTGTGGGAGAGCCAAGACCTCCACGGCCTTG
 TGTCAAGAAATCTCCACAAAGTGACAGTGAATGATGGAGGGGAGTTCTCAGAGTCATTACAGCTGGGGA
 GGGTGCATTGCCTCATGAATCTTGAAGGTGTGGAGGGAGTTGCAGGTGGTTTTATATATACTATTTCAG
 GAAGGTGATGCTCTCTTACACAACCTTCATTCTCGCCCTCAAAGACTTATTGATCATATAAGGAATCTCC
 ATGAGGAAGATGCCTTACTGAAGGAGGAAAGCAGCATCTATGATGATATTGTTTTGTGGATGTTGTCGA
 CACTTATCGTAATGTTCTGCAAAATTATTGAACCTCTATAGATGGACTGTGGAACAACGAGCTTCAAT
 TTGTTGCTGAAGACAGATGATGACTGTTACATAGACCTCGAAGCTGTATTTAATAGGATTGTCCAAAAGA
 ATCTGGATGGGCTAATTTTTGGTGGGAAATTTAGACTGAATTGGGAGTTGACCGAACCGGAAAGTG
 GCAGGAGTTGGAGTACCGAGCCCGCTTACCCTGCCTTGCATGTGGGTCAGGATATGTGATCTCCAAG
 GACATCGTCAAGTGGCTGGCAAGCAACTCGGGGAGGTTAAAGACCTATCAGGTGAAGATGTAAGCATGG
 GCATCTGGATGGCTGCCATAGGACCTAAAAGATACCAGGACAGTCTGTGGCTGTGTGAGAAGACCTGTGA
 GACAGGAATGCTGTCTTCTCCTCAGTATTCTCCGTGGGAACTGACGGAAGTGTGGAACTGAAGGAACGG
 TCGGTGATCCTTGTCTGATGTCAAGCAAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206913 protein sequence
 Red=Cloning site Green=Tags(s)

MRNWLVLCCPCVLGAALHLWLRSPPPACASGAGPADQLALFPQWKSTHYDVVVGVL SARNNHEL RNVI
 RSTWMRHLLQHPTLSQRVLVKFIIGAHGCEVPVEDREDPYSCKLLNITNPVLNQEIEAFSLSEDTSSGLP
 EDRVVSYSFRVLYPIVITSLGVFYDANDVGFQRNITVKLYQAEQEEALFIARFSPPSCGVQVKNLWYKPV
 EQFILPESFEGTIVWESQDLHGLVSRNLHKVTVNDGGGVL RVITAGEGALPHEFLEGVEGVAGGFYITI
 EQDALLHNLHSRQRLIDHIRNLHEEDALLKEESSIYDDIVFVDVVDYRNPVAKLLNFYRWTVETTSFN
 LLLKTDDDCYIDLEAVFNRIQVKNLDGPNFWGNFRLNWAVDRTGKWQLEYPSPAYPAFACGSYVVISK
 DIVKWLASNSGRKTYQGEDVSMGIWMAAIGPKRYQDSLWLCEKTCETGMLSSPQYSPWELTELWKLKER
 CGDPCRCQAR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_152490

ORF Size:

1500 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_152490.1</u>
RefSeq Size:	4755 bp
RefSeq ORF:	1503 bp
Locus ID:	148789
UniProt ID:	<u>Q8NCR0</u>
Cytogenetics:	1q42.3
MW:	56.7 kDa