

Product datasheet for **RC209884A1V**

Human B3GALTL (B3GLCT) (NM_194318) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human B3GALTL (B3GLCT) (NM_194318) AAV Particle
Tag:	Myc-DDK
Symbol:	B3GALTL
Synonyms:	B3GALTL; B3Glc-T; B3GTL; beta3Glc-T; Gal-T
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209884 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCGGCCGCCGCTGCTGGTGGCTGCTCGCGCCGCCGCGCTGCTCGCGCTCCTCACCTGCTCCCTGG
 CTTTTGGTTTGGCTTCTGAAGATACAAAGAAAGAGGTCAAGCAGTCTCAGGATTTGGAGAAAAGTGGTAT
 ATCAAGGAAAAATGACATAGACTTAAAAAGGAATTGATTTCGTCATCCAGAGTCAAAGTAATCTTTTCAT
 GCAAAGAGAGCAGAGCAGTTAAAAAAGCATCTTAAAGCAGGCTGCAGATCTTACACAGGAGCTCCCCA
 GTGTCCTCCTCTTCATCAGCTGGCTAAACAAGAAGGTGCATGGACCATACTTCCGTTGTTACCGCACTT
 TTCTGTAACATATAGCAGAAATTCATCTTGGATTTTCTTCTGTGAAGAAGAGACAAGAATACAGATTCCA
 AAACCTCTGGAAACCCTCAGAAGATATGACCCCTCTAAGGAATGGTTTTTGGGAAAAGCATTACATGATG
 AAGAAGCTACAATAATTCACCATATGCCTTTTCCGAGAATCCTACAGTTTTTAAGTATCCAGACTTTGC
 TGCAGGCTGGGCTTAAGTATTCACCTTGTAAACAAGCTTACCAAGAGACTAAAGAGTGAATCCTTGAAA
 TCCGACTTTACAATAGATTTAAACATGAGATTGCCCTCTACATCTGGGACAAAGGCGGAGGACCTCCCC
 TGACCCCACTGCTGAGTTTTGTACCAATGACGTGGACTTCTACTGTGCTACCACATTCCATTCTTTTCT
 ACCGCTTTGTAGAAAGCCAGTGAAGAAGAAGGATATTTTGTGTCAGTAAAAACATGCAAGAAATTTTCAT
 GGTGACAGAATGCCTATTGTTAAGCAGACTTGGGAGAGCCAGGCAAGTCTCATTGAATACTATAGTGACT
 ATACTGAAATTCATTCTACTGTGGATTGGGAATTCCTAATACAGATAGAGGTCAATGTGGAAAGAC
 ATTTGCCATTTTGGAAAGATTCTGAATCGTAGCCAGGACAAAACAGCATGGTTAGTCATTGTGGATGAT
 GATACATTAATAAGTATCTCCAGGCTCCAGCACTTGCTTAGCTGTTATGACTCCGCAAGCCTGTGTTTC
 TGGGAGAGCGCTACGGCTACGGCTGGGCACTGGTGGCTACAGCTACATCACGGGAGGAGGAGGAATGGT
 CTTGAGCAGAGAAGCCGTCAGGAGACTTCTCGCCAGTAAATGTCGATGCTACAGCAATGATGCTCCCGAT
 GATATGCTCCTGGGAATGTGCTTTAGTGGCTTGGGAATCCCTGTGACACACAGCCCTCTCTCCATCAGG
 CTCGGCCGGTGGATTACCCTAAGGACTACCTTTCTCATCAAGTCCCATATCGTTCCACAAACACTGGAA
 CATCGATCCAGTGAAGGTGATTTACATGGTTGGCACCCAGTGACGAAGACAAAGCCAGGACGAGAGACA
 CAGAAAGGTTTTCGAGAGGAGTTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209884 protein sequence
 Red=Cloning site Green=Tags(s)

MRPPACWLLAPPALLALLTCSLAFGLASEDTKKEVKQSQDLEKSGISRKNDIDLKGIVFVIQSQSNSFH
 AKRAEQLKKSILKQAADLTQELPSVLLHQLAKQEGAWTILPLLPHFSVTYSRNSWIFFCEEETRIQIP
 KLETLRRYDPSKEWFLGKALHDEEATIIHHYAFSENPTVFKYPDFAAGWALSIPLVNKLTKRLKSESLK
 SDFTIDLKHEIALYIWDKGGGPPLTPVPEFCTNDVDFYCATTFFHSFLPLCRKPKVKKKIDIFVAVKTCKKFH
 GDRMPIVKQTWESQASLIEYYSYDENSIPVTLGIPNTDRGHCGKTFAILERFLNRSQDKTAWLVIVDD
 DTLISISRLQHLLSCYDSGKPVFLGERYGYGLTGGYSYITGGGMVFSSREAVRRLASKRCRCYSNDAPD
 DMVLGMCFSGLGIPVTHSPLFHQARPDYPKDYLSHQVPISFHKHWNIDPVKVYFTWLAPSDCKARQET
 QKGFREEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_194318

ORF Size:

1494 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_194318.2, NP_919299.2</u>
RefSeq Size:	4221 bp
RefSeq ORF:	1497 bp
Locus ID:	145173
UniProt ID:	<u>Q6Y288</u>
Cytogenetics:	13q12.3
MW:	56.6 kDa