

Product datasheet for **RC210213A1V**

Human Beta 1,4 galactosyltransferase 6 (B4GALT6) (NM_004775) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Beta 1,4 galactosyltransferase 6 (B4GALT6) (NM_004775) AAV Particle
Tag:	Myc-DDK
Symbol:	Beta 1,4 galactosyltransferase 6
Synonyms:	B4Gal-T6; beta4Gal-T6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC210213 representing NM_004775 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCTGTGCTCAGGCGGATGATGCGGGTTTCCAATCGCTCTCTCCTCGCCTTCATCTTCTTCTCTCCC
TCTCTTCGTCTGTCTGTACTTCATCTATGTGGCCCCAGGCATCGCCAACACATATCTCTTTATGGTACA
AGCTCGAGGTATAATGTTGAGAGAAAATGTGAAACAATAGGTCATATGATCAGGCTGTACACAAATAAA
AACAGTACGCTCAACGGTACAGATTATCCCGAAGGCAATAATTCAAGTGATTATCTTGTCAAACAACAA
CGTATCTCCCGAAAACCTTCACATACTACCATACCTCCCTGTCCAGAAAAGCTGCCTTATATGCGAGG
ATTCTCAATGTCAATGTAAGCGAAGTCAGTTTTGATGAAATTCATCAACTCTTCTCCAAGGATTTAGAT
ATTGAGCCAGGGGTCATTGGAGGCCAAAAGACTGTAAACCCAGATGGAAGGTGGCAGTTCTCATTCTT
TCCGTAATCGCCATGAACATCTTCAATTTTTTTCTTACATCTGATTCCAATGCTCCAGAAGCAGCGGCT
GGAATTTGCGTTTTATGTCATTGAACAGACTGGCACACAACCTTTAACCCTGCGATGCTTTTCAATGTG
GGCTTCAAAGAGGCCATGAAAGACAGTGTCTGGGACTGTGAATCTTCCACGATGTGGATCATCTACCTG
AAAATGACCGGAATATTACGGATGTGGAGAAATGCCACGTCATTTTGTGCAAGCTGGATAAATACAT
GTATATCTTCCATATAAAGAATTTTTTGGTGGTGTAAAGTGGGCTGACAGTGAACAATTTAGAAAGATC
AATGGTTTTCTAATGCCTTCTGGGATGGGAGGAGAAGATGATGACCTTTGGAACAGAGTTCACTATG
CTGGATATAATGTAACCAGACCAGAGGGAGACTTAGGAAAATACAAGTCAATTCCTCATCACCATAGAGG
TGAAGTCCAGTTTTTAGGACGGTATAAATTACTAAGGTATTCAGGAGCGTCAGTACATCGATGGACTG
AACAATTTAATATATAGGCCAAAAATACTGGTTGATAGGTTGTATACAAACATATCTGTAAACCTCATGC
CAGAGTTAGCTCCAATCGAAGACTAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC210213 representing NM_004775 Red=Cloning site Green=Tags(s) MSVLRRMMRVSNRSLAFIFFFSLSSSCLYFIYVAPGIANTYLFMVQARGIMLRENVKTIGHMIRLYTNK NSTLNGTDYPEGNSSDYLVTQTTTYPENFTYSPYLPCEKLPYMRGFLNVNVSEVSFDEIHLFSKDL IEPGGHWRPKDCKPRWKVAVLIPFRNRHEHLPIFFLHLIPMLQKQRLFAFYVIEQTGTQPFNRAMLFNV GFKEAMKDSVWDCVIFHDVDHLPENDRNYYGCGEMPRHFAAKLDKMYILPYKEFFGGVSGLTVEQFRKI NGFPNAFWGEGEDDLWNRVHYAGYNVTRPEGDLGKYKSIPHHHRGEVQFLGRYKLLRYSKERQYIDGL NNLIYRPKILVDRLYTNIISVNLMPELAPIEDY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004775
ORF Size:	1146 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_004775.3</u>
RefSeq Size:	4814 bp
RefSeq ORF:	1149 bp
Locus ID:	9331
UniProt ID:	<u>Q9UBX8</u>
Cytogenetics:	18q12.1
MW:	44.9 kDa