

Product datasheet for **RC200258A1V**

Human **B4GALT7 (NM_007255) AAV Particle**

Product data:

Product Type: AAV Particles
Product Name: Human B4GALT7 (NM_007255) AAV Particle
Tag: Myc-DDK
Symbol: B4GALT7
Synonyms: EDSP1; EDSSLA; EDSSPD1; XGALT1; XGPT; XGPT1
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC200258 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGTTCCCTCGCGGAGGAAAGCGGCGCAGCTGCCCTGGGAGGACGGCAGGTCCGGGTTGCTCTCCGGCG
 GCCTCCCTCGGAAGTGTCCGTCTTCCACCTGTTTCGTGGCCTGCCTCTCGCTGGGCTTCTTCCCTACT
 CTGGCTGCAGCTCAGCTGCTCTGGGGACGTGGCCCGGGCAGTCAGGGGACAAGGGCAGGAGACCTCGGGC
 CCTCCCCGCGCCTGCCCCCAGAGCCGCCCTTGAGCACTGGGAAGAAGACGCATCTGGGGCCCCCACC
 GCCTGGCAGTGTGGTGCCCTTCCGCGAACGCTTCGAGGAGCTCCTGGTCTTCGTGCCCCACATGCGCCG
 CTTCTGAGCAGGAAGAAGATCCGGCACACATCTACGTGCTCAACCAGGTGGACCACTTCAGGTTCAAC
 CGGGCAGCGCTCATCAACGTGGGCTTCTGGAGAGCAGCAACAGCACGGACTACATTGCCATGCACGACG
 TTGACCTGCTCCCTCTCAACGAGGAGCTGGACTATGGCTTTCCTGAGGCTGGGCCCTTCCACGTGGCCTC
 CCCGGAGCTCCACCCTCTTACCCTACAAGACCTATGTCGGCGGCATCCTGCTGCTCTCCAAGCAGCAC
 TACCGGCTGTGCAATGGGATGTCCAACCGCTTCTGGGGCTGGGGCCGCGAGGACGACGAGTTCTACCGGC
 GCATTAAGGGAGCTGGGCTCCAGCTTTTCCGCCCTCGGAATCACAACGGGTACAAGACATTTCCGCCA
 CCTGCATGACCCAGCCTGGCGGAAGAGGGACCAGAAGCGCATCGCAGCTCAAAAACAGGAGCAGTTCAAG
 GTGGACAGGGAGGGAGGCTGAACACTGTGAAGTACCATGTGGCTTCCCGCACTGCCCTGTCTGTGGGCG
 GGGCCCCCTGCACTGTCTCAACATCATGTTGGACTGTGACAAGACCGCCACACCCTGGTGCACATTCAG
 C

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC200258 protein sequence Red=Cloning site Green=Tags(s) MFPSRRKAAQLPWEDGRSGLLSGGLPRKCSVFHLFVACLSSLGFFSLLWLQLSCSGDVARAVRGQGQETSG PPRACPPPEPPPEHWEEDASWGPRLAVLVFRRERFEELLVFVPHMRRFLSRKKIRHHIYVLNQVDHFRFN RAALINVGFLLESSNSTDYIAMHDVDLLPLNEELDYGFPEAGPFHVASPELHPLYHYKTYVGGILLLSKQH YRLCNGMSNRFWGWGREDEFYRRRIKGAGLQLFRPSGITTYKTFRHLHDPAWRKRDKRIAAQKQEQFK VDREGGLNTVKYHVASRTALSVGGAPCTVLNIMLDCDKTATPWCTFS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_007255
ORF Size:	981 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_007255.1</u>
RefSeq Size:	1747 bp
RefSeq ORF:	984 bp
Locus ID:	11285
UniProt ID:	<u>Q9UBV7</u>
Cytogenetics:	5q35.3
MW:	37.4 kDa