

Product datasheet for **RC208199A1V**

Human GALNT7 (NM_017423) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GALNT7 (NM_017423) AAV Particle
Tag:	Myc-DDK
Symbol:	GALNT7
Synonyms:	GALNAC-T7; GalNAcT7
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC208199 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAGGCTGAAGATTGGATTACCTTACGCAGTTTCTGGTGGTGGGAAGCTTCTGGGGCTAGTGGTCC
TCTGGTCTTCCCTGACCCCGCGGCCGGACGACCCAAGCCGCTGAGCAGGATGAGGGAAGACAGAGATGT
CAATGACCCCATGCCAACCAGGCGGCAATGGACTAGCTCCTGGGGAGGACAGATTCAAACCTGTGGTA
CCATGGCCTCATGTTGAAGGAGTAGAAGTGGACTTAGAGTCTATTAGAAGAATAAACAAGGCCAAAAATG
AACAAGAGCACCATGCTGGAGGAGATCCCAGAAAGATATCATGCAGAGGCAGTATCTCACATTTAAGCC
TCAGACATTACCTACCATGATCCTGTGCTTCGCCAGGGATCCTCGTAACCTTGAACCCAAAGAACCT
GAGCCTCCTGGAGTGGTGGTGGCCCTGGAGAGAAAGCCAAGCCATTGGTTTTGGGACCAGAATTCAAAC
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GTTGTCTATTGTCTCCATAATGAAGGATGGTCAACCCTCATGAGAACAGTCCACAGTGTAAATAAAGGA
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TGAGAAGACAAAACTGAACCGTATCGGTCCCAGCCATGGCTGGGGGATTATTTGCCATTGAACGAGA
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TGGAAGAAATAGCTTATGATATCACCTCACACTACCTTTGCCACCCAAAAATGTTGACTGGGGAGAAAT
CAGAGGCTTCGAACTGCTTACTGCATTGATAGCATGGGAAAAACAAATGGAGGCTTTGTTGAAGTAGGA
CCCTGCCACAGGATGGGAGGGAATCAGCTTTTCAGAATCAATGAAGCAAATCAACTCATGCAGTATGACC
AGTGTTTGACAAAGGGAGCTGATGGATCAAAAGTTATGATTACACACTGTAATCTAAATGAATTTAAGGA
ATGGCAGTACTTCAAGAACCTGCACAGATTTACTCATATTCCTTCAGGAAAGTGTGATCGCTCAGAG
GTCCTGCATCAAGTATTCATCTCCAATTGTGACTCCAGTAAACGACTCAAAATGGGAAATGAATAACA
TCCATAGTGTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC208199 protein sequence Red=Cloning site Green=Tags(s) MRLKIGFILRSLLVVGSFLGLVVLWSSLTPRPDDPSPLSRMREDRDVNDPMPNRRGGNGLAPGEDRFKPVV PWPHEGVEVDLESIRRINKAKNEQEHAGGDSQKDIMQRQYLTFKPQTFYHDPVLRPGILGNFEPKEP EPPGVVGGPGGEKAKPLVLGPEFKQAIQASIKEFGFNMVASDMISLDRSVNDRQEECKYWHYDENLLTSS VVIVFHNEGWSTLMRTVHSVIRKTPRKYLAEIVLIDDFSNEHLKEKLDEYIKLWNLVKVFRNERREGL IQARSIGAQAQKAKLGQVLIYLDACEVAVNWYAPLVAPISKDRITCTVPLIDVINGNTYEIIPQGGGDEDG YARGAWDSMLWKRVP LTPQEKRLRKTTEPYRSPAMAGGLFAIEREFFELGLYDPLQIWGGENFEIS YKIWQCGGKLLFVPCSRVGHYIRLEGWQGNPPPIYVGSSPTLKNYVRVVEVWWEYKDYFASRPESQAL PYGDISLKKFREDHNCKSFKWFMEIAYDITSHYPLPKNVWDGEIRGFETAYCIDSMGKTNGGFVELG PCHRMGGNQLFRINEANQLMQYDQCLTKGADGSKVMITHCNLNEFKEWQYFKNLHRFTHIPSGKCLDRSE VLHQVFISNCDSSKTTQKWEMNNIHSV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_017423
ORF Size:	1971 bp
Buffer:	PBS with 0.001% Pluronic F6222
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_017423.1</u>
RefSeq Size:	4339 bp
RefSeq ORF:	1974 bp
Locus ID:	51809
UniProt ID:	<u>Q86SF2</u>
Cytogenetics:	4q34.1
MW:	75.4 kDa