

Product datasheet for **RC203920A1V**

Human DGAT2 (NM_032564) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DGAT2 (NM_032564) AAV Particle
Tag:	Myc-DDK
Symbol:	DGAT2
Synonyms:	ARAT; GS1999FULL; HMFN1045
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC203920 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAAGACCCTCATAGCCGCCTACTCCGGGGTCTGCGCGGCGAGCGTCAGGCCGAGGCTGACCGGAGCC
AGCGCTCTCACGGAGGACCTGCGCTGTCGCGGAGGGGTCTGGGAGATGGGGCACTGGATCCAGCATCCT
CTCCGCCCTCCAGGACCTCTTCTGTCACTGGCTCAATAGGTCCAAGGTGAAAAGCAGCTACAGGTC
ATCTCAGTGCTCCAGTGGGTCTGTCTTCTTGTACTGGGAGTGGCTGCAGTGCCATCCTCATGTACA
TATTCTGCACTGATTGCTGGCTCATCGCTGTCTACTTCACTTGGCTGGTGTGTTGACTGGAACACACC
CAAGAAAGGTGGCAGGAGGTACAGTGGGTCCGAACTGGGCTGTGTGGCGCTACTTTTCGAGACTACTTT
CCCATCCAGCTGGTGAAGACACACAACCTGCTGACCACCAGGAATATATCTTTGGATACCACCCCATG
GTATCATGGGCCTGGGTGCCTTCTGCAACTTCAGCACAGAGGCCACAGAAGTGAGCAAGAAGTTCCAGG
CATACGGCCTTACCTGGCTACACTGGCAGGCAACTCCGAATGCCTGTGTTGAGGGAGTACCTGATGTCT
GGAGGTATCTGCCCTGTCAGCCGGGACACCATAGACTATTTGCTTTCAAAGAATGGGAGTGGCAATGCTA
TCATCATCGTGGTCCGGGGTGGCGCTGAGTCTCTGAGCTCCATGCCTGGCAAGAATGCAGTACCCTGCG
GAACCGCAAGGGCTTTGTGAACTGGCCCTGCGTCATGGAGCTGACCTGGTCCCATCTACTCCTTTGGA
GAGAATGAAGTGTACAAGCAGGTGATCTTCAGGAGGGCTCCTGGGGCCGATGGGTCCAGAAGAAGTTCC
AGAAATACATTGGTTTCGCCCATGCATCTTCATGGTCGAGGCTCTTCTCCTCCGACCTGGGGCT
GGTGCCCTACTCCAAGCCATCACCACTGTTGTGGGAGAGCCATCACCATCCCCAAGCTGGAGCACCCA
ACCCAGCAAGACATCGACCTGTACCACACCATGTACATGGAGGCCCTGGTGAAGCTCTTCGACAAGCACA
AGACCAAGTTCGGCCTCCCGGAGACTGAGGTCTGGAGGTGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC203920 protein sequence Red=Cloning site Green=Tags(s) MKTLIAAYSGVLRGERQAEADRSQRSHGGPALSREGSGRWGTGSSILSALQDLFSVTWLNRSKVEKQLQV ISVLQWVLSFLVLGVACSAILMYIFCTDCWLI AVL YFTWL VFDWNTPKKGRRSQWVRNWAVWRYFRDYF PIQLVKTHNLLTTRNYIFGYHPHGIMGLGAF CNFSTEATEVSKKFPGIRPYLATLAGNFRMPVLR EYLM S GGICPVSRDTIDYLLSKNGSGNAIIIVGGAAESLSSMPGKNAVTLRNRKGFVKLALRHGADLVPIYSFG ENEVYKQVIFEEGSGWRWVQKKFQKYIGFAPCIFHGRGLFSSDTWGLVPYSKPITTVVGEPITIPKLEHP TQQDIDLYHTMYMEALVKLFDKHKTKFGLPETEVLEV N TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_032564
ORF Size:	1164 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_032564.2</u>
RefSeq Size:	2465 bp
RefSeq ORF:	1167 bp
Locus ID:	84649
UniProt ID:	<u>Q96PD7</u>
Cytogenetics:	11q13.5
MW:	43.8 kDa