

Product datasheet for **RC203824A1V**

Human GDI1 (NM_001493) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GDI1 (NM_001493) AAV Particle
Tag:	Myc-DDK
Symbol:	GDI1
Synonyms:	1A; GDIL; MRX41; MRX48; OPHN2; RABGD1A; RABGDIA; XAP-4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC203824 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

 ATGGACGAGGAATACGATGTGATCGTGTGGGACCGGTCTACCGAATGCATCCTGTGCGGCATCATGT
CTGTGAACGGGAAGAAGGTGCTGCACATGGACCGGAACCCCTACTACGGGGCGAGAGCTCCTCCATCAC
ACCCCTGGAGGAGCTGTATAAGCGTTTTTCAGTTGCTGGAGGGGCCCCCTGAGTCGATGGCCGAGGCCGA
GACTGGAATGTTGACCTGATTCCCAAATTCCTCATGGCTAACGGGCAGCTGGTAAAGATGCTACTGTATA
CAGAGGTGACTCGCTACCTGGACTTCAAGGTGGTGGAGGGCAGCTTTGTCTACAAGGGGGCAAGATCTA
CAAAGTGCCGTCCACTGAGACTGAGGCCTTGGCTTCAATCTGATGGGCATGTTTGAGAAACGGCGCTTC
CGCAAGTTCCTGGTGTGTTGGCAAACCTCGATGAGAATGACCCCAAGACCTTTGAGGGCGTTGACCCCC
AGACTACCAGCATGCGTGACGTCTACCGGAAGTTTGATCTGGGCCAGGATGTCATCGATTTCACTGGCCA
TGCCCTGGCGCTCTACCGCACTGATGACTACCTGGACAGCCCTGCCTTGAGACCGTCAACCGCATCAAG
TTGTACAGTGAGTCCCTGGCCCGGTATGGCAAGAGCCCATATTTATACCGCTCTACGGCTTGGCGGAGC
TGCCCCAGGGTTTTGCAAGATTGAGTGCCATCTATGGGGGGACATATATGCTGAACAAACCTGTGGATGA
CATCATCATGGAGAACGGCAAGGTGGTGGGCGTGAAGTCTGAGGGAGAGGTGGCCCGCTGCAAGCAGCTG
ATCTGTGACCCAGCTACATCCCGACCGTGTGCGGAAGGCTGGCCAGGTTATCCGCATCATCTGTATCC
TTAGCCACCCCATCAAGAACCAACGACGCCAACTCTGCCAAATAATCATCCCCAGAACAGGTCAA
CAGGAAGTCAGACATCTACGTGTGCATGATCTCCTATGCACACAACGTGGCGGCCAGGGCAAGTACATA
GCTATTGCCAGCACTACTGTGGAGACCACGACCCTGAAAAGGAGGTGGAGCCGGCTCTGGAGCTGTTGG
AGCCCATTGACCAGAAGTTTGTGGCTATCAGTGACTTGTATGAGCCATTGATGATGGTTGTGAGAGCCA
GGTGTTCCTGCTCTACGATGCCACCACACACTTTGAGACAACCTGCAACGACATCAAAGACATC
TACAAACGCATGGCTGGCACGGCCTTTGACTTTGAGAACATGAAGCGCAACAGAACGACGTCTTTGGAG
AAGCTGAGCAG

 A**CGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203824 protein sequence

Red=Cloning site Green=Tags(s)

 MDEEYDIVLGTGLTECILSGIMSVNGKKVLHMDRNPYYGGESSITPLEELYKRFQLLEGPPESMGRGR
DWNVDLIPKFLMANGQLVKMLLYTEVTRYLDFKVVVEGSFVYKGGKIYKVPSTETEALASNLGMFEKRRF
RKFLVFVANFDENDPKTFEGVDPQTSMRDVYRKFDLGQDVIDFTGHALALYRTDDYLDQPCLETVNRK
LYSESLARYGKSPYLPLYGLGELPQGFARLSAIYGGTYMLNKPVDDIIMENGKVVGVKSEGEVARCKQL
ICDPYIPDRVRKAGQVIRIICILSHPIKNTNDANSCQIIPQNQVNRKSDIYVCMISYAHNVAAQGYI
AIASTTVETTDPEKEVEPALELLEPIDQKFAISDLYEPIDDGCEQVFCSCSYDATTHFETTCNDIKDI
YKRMAGTAFDFENMKRKQNDVFGAEQ

 TRTRPLE**QKLISEEDLA**ANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001493

ORF Size:

1341 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_001493.1</u>
RefSeq Size:	2505 bp
RefSeq ORF:	1344 bp
Locus ID:	2664
UniProt ID:	<u>P31150</u>
Cytogenetics:	Xq28
MW:	50.6 kDa