

Product datasheet for **RC200596A1V**

Human GDI2 (NM_001494) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GDI2 (NM_001494) AAV Particle
Tag:	Myc-DDK
Symbol:	GDI2
Synonyms:	HEL-S-46e; RABGDIB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200596 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATGAGGAGTACGACGTGATCGTGTGGCCACCGCCTGACGGAATGTATCCTGTCCAGGTATAATGT
 CAGTGAATGGCAAGAAAGTTCTTCATATGGATCGAAACCCTTACTACGGAGGAGAGAGTGCATCTATAAC
 ACCATTGGAAGATTTATACAAAAGATTTAAAATACCAGGATCACCAACCGAGTCAATGGGAGAGGAAGA
 GACTGGAATGTTGACTTGATTCCCAAGTTCTTATGGCTAATGGTCAGCTGGTTAAGATGCTGCTTTATA
 CAGAGGTAACCTCGCTATCTGGATTTAAAGTGACTGAAGGAGCTTTGTCTATAAGGGTGGAAAAATCTA
 CAAGGTTCTTCCACTGAAGCAGAAGCCCTGGCATCTAGCCTAATGGGATTGTTTGA AAAACGTCGCTTC
 AGGAAATTCCTAGTGTATGTTGCCAAGTTCGATGAAAAAGATCCAAGAACTTTTGAAGGCATTGATCCTA
 AGAAGACCACAATGCGAGATGTGTATAAGAAATTTGATTTGGGTCAAGACGTTATAGATTTTACTGGTCA
 TGCTCTTGCACTTTACAGAACTGATGATTACTTAGATCAACCGTGTATGAAACCATTAATAGAATTA
 CTTTACAGTGAATCTTTGGCAAGATATGGCAAAAGCCCATACCTTTATCCACTCTATGGCCTTGGAGAAC
 TGCCCCAAGGATTTGCAAGGCTAAGTGCTATTTATGGAGTACCTATATGCTGAATAAAACCCATTGAAGA
 AATCATTGTACAGAATGGAAAAGTAATTTGGTGTAAAACTGAAGGAGAAATGCTCGCTGTAAGCAGCTC
 ATCTGTGACCCAGCTACGTAAGATCGGGTAGAAAAAGTGGGCCAGGTGATCAGAGTTATTTGCATCC
 TCAGCCACCCCATCAAGAACCAATGATGCCAAGTCTGCCAGATCATTATCCACAGAACCAAGTCAA
 TCGAAAGTCAGATATCTACGTCGCATGATCTCCTTTGCGCACAATGTAGCAGCACAAGGGAAGTACATT
 GCTATAGTTAGTACAAGTGTGAAACCAAGGAGCCTGAGAAGGAAATCAGACCAGCTTTGGAGCTTTGG
 AACCAATTGAACAGAAATTTGTTAGCATCAGTGACCTCCTGGTACCAAAAAGACTTGGGAACAGAAAGCCA
 GATCTTTATTTCCCGCACATATGATGCCACCACCTCATTGAGACAACGTGTGATGACATTA AAAACATC
 TATAAGAGGATGACAGGATCAGAGTTTGACTTTGAGGAAATGAAGCGCAAGAAGAATGACATCTATGGG
 AAGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200596 protein sequence
 Red=Cloning site Green=Tags(s)

MNEEYDIVLGTGLTECILSGIMSVNGKVLHMDRNPYYGGESASITPLEDLYKRFKIPGSPPEMGRGR
 DWNVDLIPKFLMANGQLVKMLLYTEVTRYLDFKVTEGSFVYKGGKIYKVPSTAEALASSLMGLFEKRRF
 RKFLVYVANFDEKDPRTFEGIDPKTTMRDVYKFDLQDVIDFTGHALALYRTDDYLDQPCYETINRIK
 LYSESLARYGKSPYLPLYGLGELPQGFARLSAIYGGTYMLNKP IEEIIVQNGKVIQVSEGEIARCKQL
 ICDPSYVKDRVEKVGQVIRVICILSHP IKNNDANSCQIIIPQNQVNRKSDIYVCMISFAHNVAAGKYI
 AIVSTTVETKEPEKEIRPALELLEPIEQKFVSI SDLLVPKDLGTESQIFISRTYDATTHFETTCDDIKNI
 YKRMTGSEFDFEEMKRKNDIYGED

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001494

ORF Size:

1335 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_001494.2</u>
RefSeq Size:	2441 bp
RefSeq ORF:	1338 bp
Locus ID:	2665
UniProt ID:	<u>P50395</u>
Cytogenetics:	10p15.1
MW:	50.7 kDa