

Product datasheet for **RC225625A1V**

Human **GDI2 (NM_001115156) AAV Particle**

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	GDI2
Synonyms:	HEL-S-46e; RABGDIB
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC225625 representing NM_001115156 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGAATGAGGAGTACGACGTGATCGTGCTGGGCACCGCCTGACGGAATGTATCCTGTCAGGTATAATGT
CAGTGAATGGCAAGAAAGTTCTTCATATGGATCGAAACCTTACTACGGAGGAGAGAGTGATCTATAAC
ACCATTTGGAAGATTATACAAAGATTTAAATACCAGGATCACCACCCGAGTCAATGGGGAGAGGAAGA
GACTGGAATGTTGACTTGATTCCCAAGTTCCTTATGGCTAATGGCCTAATGGGATTGTTGAAAAACGTC
GCTTCAGGAAATTCCTAGTGTATGTTGCCAATTCGATGAAAAAGATCCAAGAACTTTGAAGGCATTGA
TCCTAAGAAGACCAATGCGAGATGTGTATAAGAAATTTGATTTGGGTCAAGACGTTATAGATTTTACT
GGTCATGCTCTTGCACTTTACAGAACTGATGATTACTTAGATCAACCGTGTATGAAACCATTAAATAGAA
TTAACTTTACAGTGAATCTTTGGCAAGATATGGCAAAAGCCCATACCTTTATCCACTCTATGGCCTTGG
AGAAGTGCCTCAAGGATTTGCAAGGCTAAGTGCTATTTATGGAGGTACCTATATGCTGAATAAACCCATT
GAAGAAATCATTGTACAGAATGAAAAGTAATTGGTGTAATCTGAAGGAGAAATTGCTCGCTGTAAGC
AGCTCATCTGTGACCCAGCTACGTAAAAGATCGGGTAGAAAAAGTGGGCCAGGTGATCAGAGTTATTTG
CATCCTCAGCCACCCCATCAAGAACACCAATGATGCCAATCCTGCCAGATCATTATCCACAGAACCA
GTCAATCGAAAGTCAGATATCTACGTCTGCATGATCTCCTTTGCGCACAATGTAGCAGCACAAAGGAAGT
ACATTGCTATAGTTAGTACAACGTGGAACCAAGGAGCCTGAGAAGGAAATCAGACCAGCTTTGGAGCT
CTTGGAACCAATTGAACAGAAATTTGTTAGCATCAGTGACCTCCTGGTACCAAAAGACTTGGGAACAGAA
AGCCAGATCTTTATTTCCGCACATATGATGCCACCACTCATTTTGAGACAACGTGTATGACATTAATA
ACATCTATAAGAGGATGACAGGATCAGAGTTTGACTTTGAGGAAATGAAGCGCAAGAAGATGACATCTA
TGGGAAGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC225625 representing NM_001115156 Red=Cloning site Green=Tags(s) MNEEYDVIVLGTGLTECILSGIMSVNGKKVLHMDRNPYYGGESASITPLEDLYKRFKIPGSPPEMGRGR DWNVDLIPKFLMANGLMGLFEKRRFRKFLVYVANFDEKDPRTFEGIDPKKTTMRDVYKKFDLGQDVIDFT GHALALYRTDDYLDQPCYETINRIKLYSESLARYGKSPYLPL YGLGELPQGFARLSAIYGGTYMLNKPI EEIIVQNGKVIGVKSEGEIARCKQLICDPSYVKDRVEKVGVIRVICILSHPIKNTNDANSCQIIIPQNQ VNRKSDIYVCMISFAHNVAAGKYIAIVSTTVETKEPEKEIRPALELLEPIEQKFVSISDLLVPKDLGTE SQIFISRTYDATTHTFETTCDDIKNIYKRMTGSEFD FEEMKRKKNDIYGED TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001115156
ORF Size:	1200 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_001115156.1, NP_001108628.1</u>
RefSeq ORF:	1203 bp
Locus ID:	2665
UniProt ID:	<u>P50395</u>
Cytogenetics:	10p15.1
MW:	45.4 kDa