

Product datasheet for **RC200315A1V**

Human GPR56 (ADGRG1) (NM_005682) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GPR56 (ADGRG1) (NM_005682) AAV Particle
Tag:	Myc-DDK
Symbol:	ADGRG1
Synonyms:	BFPP; BPPR; GPR56; TM7LN4; TM7XN1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200315 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACTCCCCAGTCGCTGCTGCAGACGACACTGTTCTGCTGAGTCTGCTCTTCTGGTCCAAGGTGCC
ACGGCAGGGGCCACAGGAAGACTTTTCGCTTCTGCAGCCAGCGGAACCAGACACAGGAGCAGCCTCCA
CTACAAACCCACACCAGACCTGCGCATCTCCATCGAGAACTCCGAAGAGGCCCTCACAGTCCATGCCCT
TTCCCTGCAGCCACCCTGCTTCCCGATCCTTCCCTGACCCAGGGGCCCTTACCACTTCTGCTCTACT
GGAACCGACATGCTGGGAGATTACATCTTCTATGGCAAGCGTGACTTCTTGTGAGTGACAAAGCCTC
TAGCCTCTCTGCTTCCAGCACCAGGAGGAGAGCCTGGCTCAGGGCCCCCGCTGTTAGCCACTTCTGTC
ACCTCTGGTGGAGCCCTCAGAACATCAGCCTGCCAGTGCCGCCAGTTCACCTTCTCCTTCCACAGTC
CTCCCCACAGGCCGCTCACAATGCCTCGGTGGACATGTGCGAGCTCAAAGGGACCTCCAGCTGCTCAG
CCAGTTCTGAAGCATCCCCAGAAGGCCTCAAGGAGGCCCTCGGCTGCCCCGCCAGCCAGCAGTTGCAG
AGCCTGGAGTCGAAACTGACCTCTGTGAGATTATGGGGGACATGGTGTCTTCGAGGAGACCGGATCA
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AGCGGGGAGGCTGAGAAGAGACTCCTCTGGTGGACTTCAGCAGCCAAGCCCTGTTCCAGGACAAGAATT
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AAACATCTGCTTCTGCAACCACTTGACCTACTTTCAGTGTGATGGTCTCCTCGGTGGAGGTGGACGC
CGTGACAAGCACTACCTGAGCCTCCTCTCCTACGTGGGCTGTGTCTCTGCCCTGGCCTGCCTTGTC
ACCATTGCCGCCTACCTCTGCTCCAGGGTGCCCTGCCGTGCAGGAGGAAACCTCGGGACTACACCATCA
AGGTGCACATGAACCTGCTGCTGGCCGTCTTCTGCTGGACACGAGCTTCTGCTCAGCGAGCCGGTGGC
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TCCTGGATGGGCCTCGAGGGGTACAACCTTACCGACTCGTGGTGGAGGTCTTGGCACCTATGTCCCTG
GCTACCTACTCAAGCTGAGCGCCATGGGCTGGGCTTCCCATCTTCTGGTGACGCTGGTGGCCCTGGT
GGATGTGGACAACTATGGCCCCATCATTTGGCTGTGCATAGGACTCCAGAGGGCGTCATCTACCCTTCC
ATGTGCTGGATCCGGGACTCCCTGGTCAGCTACATACCAACCTGGGCCTCTTACGCTGGTGTCTCTGT
TCAACATGGCCATGCTAGCCACCATGGTGGTGCAGATCCTGCGGCTGCGCCCCACACCAAAAGTGGTC
ACATGTGCTGACACTGCTGGGCCTCAGCCTGGTCTTGGCCTGCCCTGGGCCTTGATCTTCTCTCTTT
GCTTCTGGCACCTTCCAGCTTGTGCTCTCTACCTTTTCAGCATCATACCTCCTTCAAAGGCTTCTCTCA
TCTTCATCTGGTACTGGTCCATGCGGCTGCAGGCCCGGGTGGCCCTCCCTCTGAAGAGCAACTCAGA
CAGCGCCAGGCTCCCCATCAGCTCGGGCAGCACCTCGTCCAGCCGCATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC200315 protein sequence Red=Cloning site Green=Tags(s) MTPQSLQLQTTLFLLSLLFLVQGAHGRGHREDFRFCSSQRNQTHRSSLHYKPTPDLRISIENSEEALTVHAP FPAAHPASRSFPDPRGLYHFCLYWNRHAGRLHLLYGKRDFLSDKASSLLCFQHQEESLAQGPPLLATSV TSWWSPQNISLPSAASF TFSFHSPHTAAHNASVDMCELKRDQLLSQFLKHPQKASRRPSAAPASQQLQ SLESKLTSVRFMGDMVSFEEDRINATVWKLQPTAGLQDLHIHSRQEEEQSEIMEYSVLLPRTL FQRTKGR SGEAEKRLLLVDFSSQALFQDKNSSHVLGEKVLGIVVQNTKVANLTPVVLT FQHQLQPKNVTLCQVFWV EDPTLSSPGHWSAGCETVRRETQTSCFCNHLTYFAVLMVSSVEVDVAVHKHYLSLLSYVGCVVSAALACL TIAAYLCSSRVPLPCRRKPRDYTIKVHNMNLLAVFLDTSFLLSEPVALTGSEAGCRASAI FLHFSLLTCL SWMGLEGYNL YRLVVEVFGTYVPGYLLKL SAMGWGFPIFLVTLVALVDVDNYGPIILAVHRTPEGVIYPS MCWIRDSLVS YITNLGLFSLVFLFNMA MLATMVVQILRLRPHTQKWSHVL TLLGLSLVLGLPWALIFFSF ASGTFQLVVL YLFSIITSFQGLFI FIWYWSMRLQARGGPSPLKSNSDSARLPISSGSTSSSRI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005682
ORF Size:	2079 bp
Buffer:	PBS with 0.001% Pluronic F5041
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_005682.4</u>
RefSeq Size:	3831 bp
RefSeq ORF:	2082 bp
Locus ID:	9289
UniProt ID:	<u>Q9Y653</u>
Cytogenetics:	16q21
MW:	77.7 kDa