

Product datasheet for **RC201692A1V**

Human IDH3G (NM_004135) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human IDH3G (NM_004135) AAV Particle
Tag: Myc-DDK
Symbol: IDH3G
Synonyms: H-IDHG
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC201692 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGCTGAAGGTAGCGACCGTCGCCGCGAGCGCCGCGAAGGCGGTGCTCGGGCCAGCCCTTCTCTGCC
GTCCCTGGGAGGTTCTAGGCGCCACGAGGTCCCCTCGAGGAACATCTTTTCAGAACAACAATTCTCTCC
GTCCGCTAAGTATGGCGGGCGGCACACGGTGACCATGATCCCAGGGGATGGCATCGGGCCAGAGCTCATG
CTGCATGTCAAGTCCGTCTTCAGGCACGCATGTGTACCACTGGACTTTGAAGAGGTGCACGTGAGTTCCA
ATGCTGATGAAGAGGACATTCGCAATGCCATCATGGCCATCCGCGGAACCGCGTGGCCCTGAAGGGCAA
CATCGAAACCAACCATAACCTGCCACCGTCGCACAAATCTCGAAACAACATCCTTCGCACCAGCCTGGAC
CTCTATGCCAACGTCATCCACTGTAAGAGCCTTCCAGGCGTGGTGACCCGGCACAAGGACATAGACATCC
TCATTGTCCGGGAGAACACAGAGGGCGAGTACAGCAGCCTGGAGCATGAGAGTGTGGCGGAGTGGTGGG
GAGCCTGAAGATCATACCAAGGCCAAGTCCCTGCGCATTGCCGAGTATGCCTTCAAGCTGGCGCAGGAG
AGCGGGCGCAAGAAAGTACGGCCGTGCACAAGGCCAACATCATGAAACTGGGCGATGGGCTTTTCTCTCC
AGTGTGCAGGGAGGTGGCAGCCGCTACCCTCAGATCACCTTCGAGAACATGATTGTGGATAACACCAC
CATGCAGCTGGTGTCCCGCCCCAGCAGTTTGATGTGATGGTGTGATGCCAATCTCTATGGCAACATCGTC
AACAAATGTCTGCGCGGACTGGTCGGGGGCCAGGCCTTGTGGCTGGGGCCAACATATGGCCATGTGTACG
CGGTGTTTGAACAGCTACGAGGAACACCGGCAAGAGTATCGCCAATAAGAACATCGCCAACCCACGGC
CACCTGCTGGCCAGCTGCATGATGCTGGACCCTCAAGCTGCACTCCTATGCCACCTCCATCCGTAAG
GCTGTCCTGGCATCCATGGACAATGAGAATATGCACACTCCGGACATCGGGGGCCAGGGCACAACATCTG
AAGCCATCCAGGACGTATCCGCCACATCCGCGTCATCAACGGCCGGGCGTGGAGGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC201692 protein sequence Red=Cloning site Green=Tags(s) MALKVATVAGSAAKAVLGPALLCRPWEVLGAHEVPSRNIFSEQTIPPSAKYGGRHVTMIPGDGIGPELM LHVKSVFRHACVPVDFEEVHVSSNADEEDIRNAIMAIRNRVALKGNIE TNHNLPPSHKSRNNILRTSLD LYANVIHCKSLPGVVTRHKDIDILIVRENTEGEYSSLEHESVAGVVESLK IITKAKSLRIA EYAFKLAQE SGRKKVTAVHKANIMKLGDFLQCCREVAARYPQITFENMIVDNTTMQLVSRPQQFDVMVMPNLYGNIV NNVCAGLVGGPGLVAGANYGHVYAVFETATRNTGKSIANKNIANPTATLLASCMMLDHLKLHSYATSIRK AVLASMDNENMHTPDIGGQGTSEAIQDVIRHIRVINGRAVEA TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004135
ORF Size:	1179 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:	NM_004135.2
RefSeq Size:	1502 bp
RefSeq ORF:	1182 bp
Locus ID:	3421
UniProt ID:	P51553
Cytogenetics:	Xq28
MW:	42.8 kDa