

## Product datasheet for **RC218514A1V**

### Human IDH3G (NM\_174869) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human IDH3G (NM_174869) AAV Particle
Tag:	Myc-DDK
Symbol:	IDH3G
Synonyms:	H-IDHG
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC218514 representing NM_174869 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**

ATGGCGCTGAAGGTAGCGACCGTCGCCGCGAGCGCCGCGAAGGCGGTGCTCGGGCCAGCCCTTCTCTGCC  
GTCCCTGGGAGGTTCTAGGCGCCACGAGGTCCCCTCGAGGAACATCTTTTCAGAACAACAATTCTCTCC  
GTCCGCTAAGTATGGCGGGCGGCACACGGTGACCATGATCCCAGGGGATGGCATCGGGCCAGAGCTCATG  
CTGCATGTCAAGTCCGTCTTCAGGCACGCATGTGTACCACTGGACTTTGAAGAGGTGCACGTGAGTTCCA  
ATGCTGATGAAGAGGACATTCCGAATGCCATCATGGCCATCCGCGGAACCGCTGGCCCTGAAGGGCAA  
CATCGAAACCAACCATAACCTGCCACCGTCGCACAAATCTCGAAACAACATCCTTCGCACCAGCCTGGAC  
CTCTATGCCAACGTCATCCACTGTAAGAGCCTTCCAGGCGTGGTACCCGGCACAAGGACATAGACATCC  
TCATTGTCCGGGAGAACACAGAGGGCGAGTACAGCAGCCTGGAGCATGAGAGTGTGGCGGAGTGGTGA  
GAGCCTGAAGATCATACCAAGGCCAAGTCCCTGCGCATTGCCGAGTATGCCTTCAAGCTGGCGCAGGAG  
AGCGGGCGCAAGAAAGTACGGCCGTGCACAAGGCCAACATCATGAACTGGGCGATGGGCTTTCTCTCC  
AGTGTGCAGGGAGGTGGCAGCCGCTACCCTCAGATCACCTTCGAGAACATGATTGTGGATAACACCAC  
CATGCAGCTGGTGTCCCGCCCCAGCAGTTTGATGTATGGTGTATGCCAATCTCTATGGCAACATCGTC  
AACAAATGTCTGCGCGGACTGGTCGGGGGCCAGGCCTTGTGGCTGGGGCCAACATATGGCCATGTGTACG  
CGGTGTTTGAACAGCTACGAGGAACACCGGCAAGAGTATCGCCAATAAGAACATCGCCAACCCACGGC  
CACCCTGCTGGCCAGCTGCATGATGCTGGACCCTCAAGCTGCACTCCTATGCCACCTCCATCCGTAAG  
GCTGTCCTGGCATCCATGGACAATGAGAATGTGAGGTTCCCTCGCACCTACCTGTGCCCGGCCAG  
TCTCCCTGCAGCCTCTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >RC218514 representing NM\_174869  
Red=Cloning site Green=Tags(s)

MALKVATVAGSAAKAVLGPALLCRPWEVLGAHEVPSRNIFSEQTIPPSAKYGGRHVTMIPGDGIGPELM  
 LHVKSVFRHACVPVDFEEVHVSSNADEEDIRNAIMAIRNRVALKGNIE TNHNLPPSHKSRNNILRTSLD  
 LYANVIHCKSLPGVVTRHKDIDILIVRENTEGEYSSLEHESVAGVVESLKIIITKAKSLRIA EYAFKLAQE  
 SGRKKVTAVHKANIMKLGDFLQCCREVAARYPQITFENMIVDNTT MQLVSRPQQFDVMVMPNLYGNIV  
 NNVCAGLVGGPGLVAGANYGHVYAVFETATRNTGKSIANKNIANPTATLLASCMMLDHLKLHSYATSIRK  
 AVLASMDNENVRFP SHPTLLPRPVSPCSLL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:** Human

**Serotype:** AAV-2

**ACCN:** NM\_174869

**ORF Size:** 1140 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\\_174869.1](#)

**RefSeq Size:** 1723 bp

**RefSeq ORF:** 1143 bp

**Locus ID:** 3421

**UniProt ID:** [P51553](#)

**Cytogenetics:** Xq28

**MW:** 37.4 kDa