

## Product datasheet for **MR217871A1V**

### Mouse Idh1 (NM\_010497) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Idh1 (NM_010497) AAV Particle
Tag:	Myc-DDK
Symbol:	Idh1
Synonyms:	AI314845; AI788952; E030024J03Rik; Id-1; Idh-1; Idpc
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR217871 representing NM_010497 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCCAGAAAAATCCAAGGAGGTTCTGTGGTGGAGATGCAAGGAGATGAAATGACACGAATCATTTGGG  
AATTGATTAAGGAAAACTTATCTTCCCTATGTGGAAGTGGATCTGCATAGCTATGATTTAGGCATAGA  
GAATCGTGATGCCACCAATGACCAGGTACCAAAGATGCTGCAGAGGCTTTAAAGAAATACAACGTGGGC  
GTCAAGTGTGCTACCATCACCCCGATGAGAAGAGGGTTGAAGAATCAAGTTGAAACAAATGTGGAAAT  
CCCCAAATGGCACCATCCGAAACATTCTGGGTGGCACTGTCTTCAGGGAAGCTATTATCTGCAAAAAAT  
CCCCCGGCTAGTGACAGGCTGGGTAACCCATCATCATTGGCCGACATGCATATGGGGACCAATACAGA  
GCAACTGATTTTGTGTTCTGGCCTGGAAAAGTAGAGATAACCTACACACCAAAAGATGGAACCTAGA  
AGGTGACATACATGGTACATGACTTTGAAGAAGTGGTGGTGTGCCATGGGCATGTACAACCAGGATAA  
GTCAATTGAAGACTTTGCACACAGTTCTTCCAATGGCTCTGTCCAAGGCTGGCCTTTGTATCTCAGC  
ACCAAGAACACTATTCTGAAGAAGTATGATGGGCGTTTCAAAGACATCTCCAGGAGATCTATGACAAGA  
AATAACAAGTCCAGTTTGAAGCTCAGAAGATCTGCTATGAACACAGGCTCATAGATGACATGGTGGCCCA  
AGCTATGAAGTCCGAGGGAGGCTTCATCTGGGCTGTAAGAATTACGATGGGGATGTGCAGTCAGACTCA  
GTCGCCCAAGGTTATGGCTCCCTTGGCATGATGACCAGTGTGCTGATTTGTCCAGATGGTAAGACGGTAG  
AAGCAGAGGCTGCCATGGCACTGTACACGCTACTACCGCATGTACCAGAAAGGCAAGAGACGTCCAC  
CAACCCATTGCTTCCATTTTGCCTGGTCCCGAGGGTTAGCCACAGAGCAAAGCTTGATAACAATACT  
GAGCTCAGCTTCTCGCAAAGGCTTTGGAAGACGTCTGCATTGAGACCATTGAGGCTGGCTTTATGACTA  
AGGACTTGGCTGCTTGCATTAAGGCTTACCCAATGTACAACGTTCTGACTACTTGAATACATTTGAGTT  
TATGGACAAACTTGAGAAAACCTGAAGGCCAATTAGCTCAGGCCAACTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	<p>&gt;MR217871 representing NM_010497  <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MSRKIQGGSVVEMQGDDEMTRIIWELIKEKLILPYVELDLHSYDLGIENRDATNDQVTKDAAEALKKYNVG            VKCATITPDEKRVEEFKLLKQMWKSPNGTIRNILLGGTVFREAIICKNIPRLVTGWVKPIIIGRHAYGDQYR            ATDFVVPGPGKVEITYTPKDGTKVVTYMHDFEEGGGVAMGMYNQDKSIEDFAHSSFQMALSKGWPLYLS            TKNTILKKYDGRFKDIFQEIYDKKYKSQFEAQKICYEHLIDDMVAQAMKSEGGFIWACKNYDGDVQSDS            VAQGYGSLGMMTSVLICPDGKTVEAAAHGTVTRHYRMYQKGQETSTNPIASIFAWSRGLAHRAKLDNNT            ELSFFAKALEDVCIETIEAGFMTKDLAACIKGLPNVQRSDYLNTEFMDKLGLENLKAKLAQAKL</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI</span><span style="color: green;">SEEDLAANDILDYKDDDDKV</span></p>
<b>Species:</b>	Mouse
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_010497
<b>ORF Size:</b>	1242 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_010497.3</a> , <a href="#">NP_034627.3</a>
<b>RefSeq Size:</b>	2270 bp
<b>RefSeq ORF:</b>	1245 bp
<b>Locus ID:</b>	15926
<b>UniProt ID:</b>	<a href="#">O88844</a>
<b>Cytogenetics:</b>	1 32.91 cM
<b>MW:</b>	46.7 kDa