

Product datasheet for **RC217631A1V**

Human L2HGDH (NM_024884) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human L2HGDH (NM_024884) AAV Particle
Tag:	Myc-DDK
Symbol:	L2HGDH
Synonyms:	C14orf160; L2HGA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217631 representing NM_024884
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGTGCCAGCGCTGCGTTATTTGGTTGGTGCCTGCGGACGGGCCCGCGGCGTTTCGCCGGTGGCTCCC
 CTGGGGCGTGCGGGTTCGCGTCTGGGAGGCCAAGACCGCTGTGTGGAGGTAGCCGACGCCAGCACCAG
 CTCATTTGATATAGTCATTGTTGGTGGCGGAATTGTGGGGCTTGCTCTGCCAGAGCACTCATCTGCGA
 CATCCATCACTTTCTATTGGTGTCTGGAAAAGGAGAAAGATTTAGCTGTTACCAGACTGGACATAACA
 GTGGTGTACATAGTGAATTTATTATAAACCTGAGTCTCTGAAAGCCAAATTATGTGTACAAGGTGC
 AGCCCTCTCTATGAGTACTGTCAGCAAAAGGGAATTTCTACAAGCAGTGTGGCAAGCTTATAGTAGCT
 GTTGAACAAGAAGAAATCCCAGACTTCAGGCCCTATATGAGAAAGCCCTCCAGAATGGTGTCCCGGCC
 TGAGGCTGATCCAGCAGGAGGATATAAAAAAGAAGGAGCCATATTGTAGGGGTCTAATGGCTATTGATTG
 TCCACATACTGGCATTGTGGACTATCGGCAGGTGGCTTTGTCTTTGCCAGGATTTCCAAGAAGCAGGT
 GGCTCTGTCTTGACCAATTTTGAAGTAAAGGTATTGAAATGGCTAAAGAAAGTCTTCAAGAAGTATAG
 ATGGAATGCAATATCCAATTGTTATAAAGAATACAAAGGGAGAGGAAATTCGATGTCAGTATGTTGTGAC
 ATGTGCAGGACTTTACTCAGACCGTATTTAGAGTTGAGTGGCTGCACTCCTGATCCTCGAATTGTACCA
 TTCCGGGGAGATTACCTGCTTTTGAAGCCAGAAAAATGTTATCTTGTAAGGAAATATTTATCCGGTCC
 CAGATAGCCGGTTTCCTTCTAGGAGTTCACTTCACACCAAGGATGGATGGCAGTATTTGGCTAGGGCC
 TAATGCAGTTCTTGCTTTAAACGAGAGGGTTACAGACCTTTGACTTCAGTGCCACAGATGTTATGGAT
 ATAATTATCAATAGTGGCTTGATTAACCTGGCATCCAGAATTTTCTATGGAGTTACTGAAATGTATA
 AAGCATGTTTTCTTGGTGCAACAGTGAAGTATCTTCAAAATTCATCCCTGAAATTACTATCAGTGATAT
 ACTTAGGGGCCAGCTGGAGTAAGAGCCAGGCCCTGGATAGAGATGGAAATCTGGTAGAAGATTTTGTAT
 TTTGATGCAGGAGTTGGGGATATTGAAATCGCATTCTTCATGTGAGAAATGCACCTTCTCCTGTGCTA
 CTTCTTCCATTGCAATTTCTGGAATGATTGCAGATGAAGTACAACAAAGATTTGAATTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC217631 representing NM_024884
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MVPALRYLVGACGRARGRFAGGSPGACGFASGRPRPLCGGSRSASTSSFDIVIVGGGIVGLASARALILR
 HPSLSIGVLEKEKDLAVHQTGHNSGVIHSGIYYKPESLKAKLCVQGAALLYEYCQKQGISYKQCGKLIVA
 VEQEEIPRLQALYEKGLQNGVPLRLIQQEDIKKKEPYCRGLMAIDCPHTGIVDYRQVALSFAQDFQEAG
 GSVLTNFEVKGIEMAKESPSRSIDGMQYPIVINKTKGEEIRCQYVVTCAGLYSDRISELSGCTPDPRIVP
 FRGDYLLKPEKCYLVKGNIPVPSRFPFLGVHFTPRMDGSIWLGPNVLAFAKREGYRPFDFSATDVMD
 IIINSLIKLASQNFSGVTEMYKACFLGATVKYLQKFIPEITISDILRGPAGVRAQALDRDGNLVEDFV
 FDAGVGDIGNRILHVRNAPSPAATSSIAISGMIADDEVQQRFEI

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_024884

ORF Size:

1389 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_024884.1</u>
RefSeq Size:	2064 bp
RefSeq ORF:	1392 bp
Locus ID:	79944
UniProt ID:	<u>Q9H9P8</u>
Cytogenetics:	14q21.3
MW:	45.2 kDa