

Product datasheet for **RC224183A1V**

Human OGDH (NM_001003941) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	OGDH
Synonyms:	AKGDH; Elk; KGD1; OGDH2
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC224183 representing NM_001003941 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGTTTCATTTAAGGACTTGTGCTGCTAAGTTGAGGCCATTGACGGCTTCCAGACTGTTAAGACATTTT
CACAAAACAGACCAGCAGCAGCTAGGACATTTCAACAGATTCGGTGCTATTCTGCACCTGTTGCTGCTGA
GCCCTTTCTCAGTGGGACTAGTTCGAACTATGTGGAGGAGATGTACTGTGCTTGGCTGGAAAACCCCAAA
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AGAGTCCCCCTTCCCTGAGCCGAGGCTCCCTGGCTGCTGTGGCCCATGCACAGTCCCTGGTAGAAGCACA
GCCCAACGTGGACAAGCTCGTGGAGGACCACTGGCAGTGCAGTCGCTCATCAGGGCATATCAGATACGA
GGGCACCATGTAGCACAGCTGGACCCCTGGGATTTTGGATGCTGATCTGGACTCCTCCGTGCCCGCTG
ACATTATCTCATCCACAGACAACTTGGGTTCTATGGCCTGGATGAGTCTGACCTCGACAAGGTCTTCCA
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GCTTGTGCGGTCCACCAAGTTTGAGGAGTTCCTACAGCGGAAGTGGTCTCTGAGAAGCGCTTTGGTCTA
GAAGGCTGCGAGGTACTGATCCCTGCCCTCAAGACCATCATTGACAAGTCTAGTGAGAATGGCGTGGACT
ACGTGATCATGGGCATGCCACAGAGGGCGGCTGAACGTGCTTGCAAATGTCATCAGGAAGGAGCTGGA
ACAGATCTTCTGTCAATTTCGATTCAAAGCTGGAGGCAGCTGATGAGGGCTCCGGAGATGTGAAGTACCAC
CTGGGCATGTATACCGCAGGATCAATCGTGTCACCGACAGGAACATTACCTTGTCTTGGTGGCCAACC
CTTCCACCTTGAGGCCGCTGACCCCGTGGTATGGGCAAGACCAAGCCGAACAGTTTTACTGTGGCGA
CACTGAAGGAAAAAGTAAGGCCCAGAGAGAGCGTGCAAGGCAGATCGTCAAGGCCCATGTTCCAGC
ATGGAGTTCGCTCACCAACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC224183 representing NM_001003941 Red=Cloning site Green=Tags(s) MFHLRTCAAKLRPLTASQTVKTFSSQNRPAARTFQQIRCYSAPVAAEPFLSGTSSNYVEEMYCAWLENPK SVHKSWDIFFRNTNAGAPPGTAYQSPLPLSRGSLAAVAHAQSLVEAQPNVDKLVEDHLAVQSLIRAYQIR GHHVAQLDPLGILDADLDSSVPADIISSDKLGFYGLDESDLDKVFHLPTTTFIGGQESALPLREIIRRL EMAYCQHIGVEFMFINDLEQCQWIRQKFETPGIMQFTNEEKRTLARLVRSTRFEEFLQRKWSSEKRFGL EGCEVLIPALKTIIDKSSENGVDYVIMGMPHRGLNVLANVIRKELEQIFCQFDSKLEAADEGSGDVKYH LGMYHRRINRVTDNRNITLSLVANPSHLEAADPVVMGKTKAEQFYCGDTEGKKVRPRERRARQIVKAPCSS MEFRSPT TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001003941
ORF Size:	1281 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_001003941.1
RefSeq Size:	1791 bp
RefSeq ORF:	1284 bp
Locus ID:	4967
UniProt ID:	Q02218
Cytogenetics:	7p13
MW:	48.18 kDa