OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC205203

OGDH (NM_001003941) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	OGDH (NM_001003941) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	OGDH
Synonyms:	AKGDH; E1k; KGD1; OGDC; OGDH2
ACCN:	NM_001003941
Insert Size:	385 bp
Insert Sequence:	>SC205203 3'UTR clone of NM_001003941 The sequence shown below is from the reference sequence of NM_001003941. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TCCAGCATGGAGTTCCGCTCACCAACATAACCCAGAGCCCTGGGTGCATCTAGACTTTAAAAAAATATT TAAAGTCGGCCGGGCGCAGTGTCTCACGCCTGTAATCCCAGCACTTTGGGAGGCCGAGGTGGGCAGATC ACCTGAGTTCGGGAGTTGGAGACCAGCCTGACCAACATGGAGAAACTCCATCTCTACTAAAAATACAAA ATTAGCTGGGCGTGGTGGCGCGCGCCTGTAATCCCAGCTACTCAGGAGGCTGAGGCAGGAGAATCGCTT GAACCCGGGAGGTGGAGGTTGCAGTGAGCCGAGATTACGCCATTGCACTCCAGCCTGGGCCAACAAGAG CGAAACTCTGTCTCAAAGAAAAAAATAAATAAATAAAAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001003941.3

View online »

Summary: This gene encodes one subunit of the 2-oxoglutarate dehydrogenase complex. This complex catalyzes the overall conversion of 2-oxoglutarate (alpha-ketoglutarate) to succinyl-CoA and CO(2) during the Krebs cycle. The protein is located in the mitochondrial matrix and uses thiamine pyrophosphate as a cofactor. A congenital deficiency in 2-oxoglutarate dehydrogenase activity is believed to lead to hypotonia, metabolic acidosis, and hyperlactatemia. Alternative splicing results in multiple transcript variants encoding distinct isoforms.[provided by RefSeq, Sep 2009]

Locus ID: 4967

MW: 14.3