

## Recombinant Mouse Ogdh Protein, Myc/DDK-tagged

**Cat. No.** Ogdh-4579M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length oxoglutarate (alpha-ketoglutarate) dehydrogenase (lipoamide) (Ogdh), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	The 2-oxoglutarate dehydrogenase complex catalyzes the overall conversion of 2-oxoglutarate to succinyl-CoA and CO <sub>2</sub> . It contains multiple copies of three enzymatic components: 2-oxoglutarate dehydrogenase (E1), dihydrolipoamide succinyltransferase (E2) and lipoamide dehydrogenase (E3).
<b>Molecular Mass</b>	116.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

**Gene Name** Ogdh oxoglutarate (alpha-ketoglutarate) dehydrogenase (lipoamide) [ Mus musculus (house mouse) ]

**Official Symbol** Ogdh

**Synonyms** OGDH; oxoglutarate dehydrogenase (lipoamide); 2-oxoglutarate dehydrogenase, mitochondrial; OGDC-E1; alpha-ketoglutarate dehydrogenase; 2-oxoglutarate dehydrogenase complex component E1; d1401; AA409584; mKIAA4192; 2210403E04Rik; 2210412K19Rik; KIAA4192

**Gene ID** 18293

**mRNA Refseq** NM\_010956

**Protein Refseq** NP\_035086

**UniProt ID** Q60597

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