

Recombinant Mouse Ogdh Protein, Myc/DDK-tagged

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

SPECIFICATION

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