

Recombinant Mouse Gcdh Protein, Myc/DDK-tagged

Cat. No. Gcdh-3171M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length glutaryl-Coenzyme A dehydrogenase (Gcdh), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the oxidative decarboxylation of glutaryl-CoA to crotonyl-CoA and CO(2) in the degradative pathway of L-lysine, L-hydroxylysine, and L-tryptophan metabolism. It uses electron transfer flavoprotein as its electron acceptor.
Molecular Mass	48.6 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.

GENE INFORMATION

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Gene Name	Gcdh glutaryl-Coenzyme A dehydrogenase [Mus musculus (house mouse)]
Official Symbol	Gcdh
Synonyms	Gcdh; glutaryl-Coenzyme A dehydrogenase; GCD; D17825; AI266902; 9030411L18; glutaryl-CoA dehydrogenase, mitochondrial; EC 1.3.8.6
Gene ID	270076
mRNA Refseq	NM_001044744
Protein Refseq	NP_001038209
UniProt ID	A0A0A0MQ68

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