

Product datasheet for **TP506984**

Gcdh (NM_001044744) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse glutaryl-Coenzyme A dehydrogenase (Gcdh), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206984 protein sequence Red =Cloning site Green =Tags(s)
	<p>MSLRGVSARLLSRRSGLRFPFRPTWSSAAAHTTEKTQIRPAKSSRPVFDWKDPLILEEQLTADKLRDTRFRNYCQERLMSRILLANRNEVFHRDIVYEMGELGVLGPTIKGYGCAGVSSVAYGLLRELERVDSGYRSMMSVQSSLVMHPIYTYGSEEQRQKYLPLGAKGELLGCFGLTEPNHGSDPGGMETRARRHNPSNQSYTLTGKTTWITNSPVADLFIVWARCEDNCIRGFILEKGMRGLSAPRIEGKFSLRASATGMIIMDSVEVPEENVLPNVSSLAGPFGCLNTARYGITWGVLGAAEFCLHTARQYALDRIQFGVPLARNQLVQKKLADMLTEITLGLHACLQLGRLKDQDKATPEMVSMLKRNNCGKALDIARQARDILGGNGISDEYHVIRHAMNLEAVNTYEGTHDIHALILGRAITGIQAVTVGK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	48.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001038209
Locus ID:	270076



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UniProt ID: [A0A0A0MQ68](#), [Q8BVD4](#)

RefSeq Size: 2140

Cytogenetics: 8 41.28 cM

RefSeq ORF: 1317

Synonyms: 9030411L18; AI266902; D17825; GCD

Summary: 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.[UniProtKB/Swiss-Prot Function]