

Product datasheet for **TP508571**

D2hgdh (NM_178882) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse D-2-hydroxyglutarate dehydrogenase (D2hgdh), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208571 protein sequence Red =Cloning site Green =Tags(s)
	MVLPLVSRWSARVLWASPGWRRITYTQRACVGLKRLGCPRGVYSPLAHRAYSVVAGSPEVTLTPERYPVQR LPFSTVSEEDLAAFECIIPGRVITDPEQLQTCNVDWLKTVRGCSKVLLRPQTSEEVSQILRHCYKRNLAV NPQGGNTGMVGGSPVPFDEVILSTALMNQVISFHDVSGILVCQAGCVLEELSRYVQERDFIMPLDLGAKG SCHIGGNVATNAGGLRFLRYGSLRGTVLGLLEVLAADGTILNCLTSLRKDNTGYDLKQMFIGSEGLGVIT AVSIVCPPRPKAVNVAFLGCPGFAEVLQTFRTCRGMLGEILSAFEFMDTECMQLVGQHLQLTNPVQESPF YVLVETSGSSAGHDAEKL TNVLEQVLNSGLVTDGTMATDQRKVQMLWALRERITEALSRDGYVFKYDLSL PVERLYDLVIDLRTRLGPRAKHVVG YGHLGDGNLHLNVTAEAFSRELLGALEPYVYAWTAEQRGSVSAEH GLGFKKKDVLGYSKPPVAVTLMQQLKAMLDPKGILNPYKTLPAQA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	58.6 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:	<u>NP_849213</u>



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Locus ID:	98314
UniProt ID:	Q8CIM3
RefSeq Size:	3058
Cytogenetics:	1 D
RefSeq ORF:	1605
Synonyms:	AA408776; AA408778; AI325464
Summary:	Catalyzes the oxidation of D-2-hydroxyglutarate to alpha-ketoglutarate.[UniProtKB/Swiss-Prot Function]