

Product datasheet for TP505153

Hmgcll1 (NM_173731) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse 3-hydroxymethyl-3-methylglutaryl-Coenzyme A lyase-like 1 (Hmgcll1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205153 protein sequence Red =Cloning site Green =Tags(s) MGNLP SAAKHCLNYQQLREHLWSGDSVAGALDAAQEASQLPGLPEYVKIVEVGPRDGLQNEKVIVPTDI KIELINQLSQTGLSVIEVTSFVSSRWVPQMADHAEVMRGIRQYPGVYPVLTPLNLQGFQHAVAAGATEIA VFGAASEFSKKNINCSIEESMGRFQEVISSARHMDIPVRGYVSCALGCPYEGSITPQKVTEVSKRLYGM GCYEISLGDITIGVGTPGSMKMMLESVMKEIPPGALAVHCHDITYGQALANILTALQMGINVVD SAVSGLGG CPYAKGASGNVATEDLIYMLNGMGLNTGVDLYKVMEAGEFICKAVNKTTSNKVAQASFNARLE TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	36.7 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_776092
Locus ID:	208982
UniProt ID:	Q8JZS7


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RefSeq Size:	3615
Cytogenetics:	9 D
RefSeq ORF:	1029
Synonyms:	BC037381
Summary:	Non-mitochondrial 3-hydroxymethyl-3-methylglutaryl-CoA lyase that catalyzes a cation-dependent cleavage of (S)-3-hydroxy-3-methylglutaryl-CoA into acetyl-CoA and acetoacetate, a key step in ketogenesis, the products of which support energy production in nonhepatic animal tissues.[UniProtKB/Swiss-Prot Function]