

Product datasheet for TP306162M

HMGCLL1 (NM_001042406) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human 3-hydroxymethyl-3-methylglutaryl-Coenzyme A lyase-like 1 (HMGCLL1), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206162 protein sequence Red =Cloning site Green =Tags(s)
	MGNVPSAVKHCLSYYQQLLREHLWIGDSVAGALDPAQETSQSLGLPEFVKIVEVGPRDGLQNEKIVIVPTDI KIEFINRLSQTGLSVIEVTSFVSSRWVPQMADHTEVMKGIHQYPGVRYPLTPNLQGFHHAVAAGATEIS VFGAASESFSKKNINCSIEESMGKFEEVKSARHMNIPARGYVSCALGCPYEGSITPQKVTEVSKRLYGM GCYEISLGDITIGVTPGSMKRMLLESVMKEIPPGALAVHCHDTYGQALANILTALQMGINVDSAVSGLGG CPYAKGASGNVATEDLIYMLNGLGLNTGVNLYKVMEAGDFICKAVNKTTNSKVAQASFNA
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	36.1 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_001035865
Locus ID:	54511



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UniProt ID: [Q8TB92](#), [Q9NT06](#), [O95896](#)

RefSeq Size: 2481

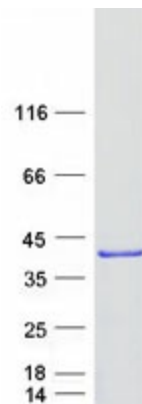
Cytogenetics: 6p12.1

RefSeq ORF: 1020

Synonyms: bA418P12.1; er-cHL

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]

Product images:



Coomassie blue staining of purified HMGCLL1 protein (Cat# [TP306162]). The protein was produced from HEK293T cells transfected with HMGCLL1 cDNA clone (Cat# [RC206162]) using MegaTran 2.0 (Cat# [TT210002]).