Recombinant Mouse Hmgcll1 Protein, Myc/DDK-tagged

Cat. No. Hmgcll1-3413M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length 3-hydroxymethyl-3-methylglutaryl-Coenzyme A lyase-like 1 (Hmgcll1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	36.7 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.

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GENE INFORMATION

Gene Name	Hmgcll1 3-hydroxymethyl-3-methylglutaryl-Coenzyme A lyase-like 1 [Mus musculus (house mouse)]
Official Symbol	Hmgcll1
Synonyms	Hmgcll1; 3-hydroxymethyl-3-methylglutaryl-Coenzyme A lyase-like 1; 3-hydroxy-3-methylglutaryl-CoA lyase, cytoplasmic; 3-hydroxy-3-methylglutaryl-CoA lyase-like protein 1; 3-hydroxymethyl-3-methylglutaryl-CoA lyase, cytoplasmic; 3-hydroxymethyl-3-methylglutaryl-CoA lyase-like protein 1; probable 3-hydroxymethyl-3-methylglutaryl-CoA lyase 2; EC 4.1.3.4; BC037381
Gene ID	208982
mRNA Refseq	NM_173731
Protein Refseq	NP_776092
UniProt ID	Q8JZS7

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