

Recombinant Mouse Hmgcs1 Protein, Myc/DDK-tagged

Cat. No. Hmgcs1-3414M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (Hmgcs1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the condensation of acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is converted by HMG-CoA reductase (HMGCR) into mevalonate, a precursor for cholesterol synthesis.
Molecular Mass	57.6 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	Hmgcs1 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 [Mus musculus (house mouse)]
Official Symbol	Hmgcs1
Synonyms	Hmgcs1; 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1; B130032C06Rik; hydroxymethylglutaryl-CoA synthase, cytoplasmic; 3-hydroxy-3-methylglutaryl coenzyme A synthase; HMG-CoA synthase; EC 2.3.3.10
Gene ID	208715
mRNA Refseq	NM_145942
Protein Refseq	NP_666054
UniProt ID	Q8JZK9

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