

Recombinant Human HMGCS1 cell lysate

Cat. No. HMGCS1-803HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	HMGCS1 3-hydroxy-3-methylglutaryl-CoA synthase 1 (soluble) [Homo sapiens]
Official Symbol	HMGCS1
Synonyms	HMGCS1; 3-hydroxy-3-methylglutaryl-CoA synthase 1 (soluble); 3 hydroxy 3 methylglutaryl Coenzyme A synthase 1 (soluble) , HMGCS; hydroxymethylglutaryl-CoA synthase, cytoplasmic; 3 hydroxy 3 methylglutaryl coenzyme A (HMG CoA) synthase; HMG-CoA synthase; 3-hydroxy-3-methylglutaryl coenzyme A synthase; 3-hydroxy-3-methylglutaryl coenzyme A (HMG-CoA) synthase; 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (soluble); HMGCS; MGC90332;
Gene ID	3157

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mRNA Refseq	NM_001098272
Protein Refseq	NP_001091742
MIM	142940
UniProt ID	Q01581
Chromosome Location	5p14-p13
Pathway	Butanoate metabolism, organism-specific biosystem; Butanoate metabolism, conserved biosystem; C5 isoprenoid biosynthesis, mevalonate pathway, organism-specific biosystem; C5 isoprenoid biosynthesis, mevalonate pathway, conserved biosystem; Cholesterol Biosynthesis, organism-specific biosystem; Cholesterol biosynthesis, organism-specific biosystem; Endochondral Ossification, organism-specific biosystem;
Function	catalytic activity; drug binding; hydroxymethylglutaryl-CoA synthase activity; isomerase activity; organic acid binding; protein homodimerization activity; transferase activity;