

Recombinant Human HMGCS1 Protein, GST-tagged

Cat. No. HMGCS1-4876H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HMGCS1 partial ORF (NP_002121, 422 a.a. - 520 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	HMGCS1 (3-Hydroxy-3-Methylglutaryl-CoA Synthase 1) is a Protein Coding gene. Among its related pathways are Bisphosphonate Pathway, Pharmacodynamics and Sterol Regulatory Element-Binding Proteins (SREBP) signalling. GO annotations related to this gene include protein homodimerization activity and isomerase activity. An important paralog of this gene is HMGCS2.
Molecular Mass	36.63 kDa
AA Sequence	VFAENMKLREDTHHLVNYIPQGSIDSLFEGTWYLVVRVDEKHRRTYARRPTPNDDTL DEGVGLVHSNIATEHIPSPAKKVPRLPATAAEPEAAVISNGEH
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

mRNA Refseq NM_001098272

Protein Refseq NP_001091742

MIM 142940

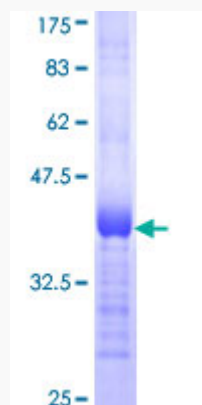
UniProt ID Q01581

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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