Recombinant Human HMGCLL1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HMGCLL1-6528H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HMGCLL1 MS Standard C13 and N15-labeled recombinant protein (NP_001035865) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	HMGCLL1 (3-Hydroxymethyl-3-Methylglutaryl-CoA Lyase Like 1) is a Protein Coding gene. Diseases associated with HMGCLL1 include 3-Hydroxy-3-Methylglutaryl-Coa Lyase Deficiency and Breast Adenoid Cystic Carcinoma. Among its related pathways are Metabolism and Butanoate metabolism. Gene Ontology (GO) annotations related to this gene include lyase activity and hydroxymethylglutaryl-CoA lyase activity. An important paralog of this gene is HMGCL.
Molecular Mass	36.3 kDa
AA Sequence	MGNVPSAVKHCLSYQQLLREHLWIGDSVAGALDPAQETSQLSGLPEFVKIVEVGPR DGLQNEKVIVPTDIKIEFINRLSQTGLSVIEVTSFVSSRWVPQMADHTEVMKGIHQYP GVRYPVLTPNLQGFHHAVAAGATEISVFGAASESFSKKNINCSIEESMGKFEEVVKS ARHMNIPARGYVSCALGCPYEGSITPQKVTEVSKRLYGMGCYEISLGDTIGVGTPGS MKRMLESVMKEIPPGALAVHCHDTYGQALANILTALQMGINVVDSAVSGLGGCPYA KGASGNVATEDLIYMLNGLGLNTGVNLYKVMEAGDFICKAVNKTTNSKVAQASFNAT RTRPLEQKLISEEDLAANDILDYKDDDDKV

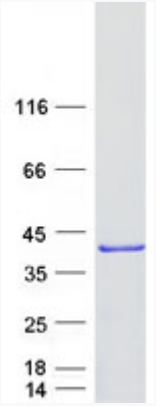
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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	HMGCLL1 3-hydroxymethyl-3-methylglutaryl-CoA lyase-like 1 [Homo sapiens (human)]
Official Symbol	HMGCLL1
Synonyms	HMGCLL1; 3-hydroxymethyl-3-methylglutaryl-CoA lyase like 1; ERCHL; er-cHL; bA418P12.1; 3-hydroxymethyl-3-methylglutaryl-CoA lyase, cytoplasmic; 3-hydroxy-3-methylglutaryl-CoA lyase-like protein 1; 3-hydroxymethyl-3-methylglutaryl-CoA lyase-like protein 1; 3-hydroxymethyl-3-methylglutaryl-Coenzyme A lyase-like 1; endoplasmic reticulum 3-hydroxy-3-methylglutaryl-CoA lyase; endoplasmic reticulum 3-hydroxymethyl-3-methylglutaryl-CoA lyase; probable 3-hydroxymethyl-3-methylglutaryl-CoA lyase 2; EC 4.1.3.4
Gene ID	54511
mRNA Refseq	NM_001042406
Protein Refseq	NP_001035865

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MIM	619050
UniProt ID	Q8TB92
SDS-PAGE	

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