

Recombinant Human MLYCD, GST-tagged

Cat. No. MLYCD-913H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MLYCD protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-352aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	MLYCD malonyl-CoA decarboxylase [Homo sapiens]
Official Symbol	MLYCD
Synonyms	MLYCD; malonyl-CoA decarboxylase; malonyl-CoA decarboxylase, mitochondrial; hMCD; MCD; malonyl coenzyme A decarboxylase; MGC59795;
Gene ID	23417

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mRNA Refseq	NM_012213
Protein Refseq	NP_036345
MIM	606761
UniProt ID	O95822
Chromosome Location	16q24
Pathway	Malonate semialdehyde pathway, propanoyl-CoA => Acetyl-CoA, organism-specific biosystem; Malonate semialdehyde pathway, propanoyl-CoA => Acetyl-CoA, conserved biosystem; Metabolic pathways, organism-specific biosystem; Peroxisome, organism-specific biosystem; Peroxisome, conserved biosystem;
Function	lyase activity; malonyl-CoA decarboxylase activity;

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