

Recombinant Human MLYCD Protein, His-SUMO/MYC-tagged

Cat. No. MLYCD-1303H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MLYCD Protein (40-493aa) was expressed in E. coli with N-terminal His-SUMO tag and C-terminal MYC tag.
Species	Human
Source	E.coli
ProteinLength	40-493 a.a.
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	55.9 kDa
AA Sequence	MDLLRRVPPTPAYELREKTPAPAEGQCADFVSFYGGLAETAQRAELLGRLARGF GVDHGQVAEQSAGVLHLRQQQREAAVLLQAEDRLRYALVPRYRGLFHHISKLDGG VRFLVQLRADLLEAQALKLVEGPDVREMNGVLKGMLSEWFSSGFLNLERVTWHSP CEVLQKISEAEAVHPVKNWMDMKRRVGPYRRCYFFSHCSTPGEPLVVLHVALTGDI SSNIQAIVKEHPPSETEEKNKITAAIFYSLTQQGLQGVELGTFLIKRVVKELQREFPH LGVFSSLSPIPGFTKWLLGLLNSQTKEHGRNELFTDSECKEISEITGGPINETLKLLLS SSEWVQSEKLVRALQTPLMRLCAWYLYGEKHRGYALNPVANFHLQNGAVLWRINW MADVSLRGITGSCGLMANYRYFLEETGPNSTSYLGSKI KASEQVLSLVAQFQKNSK L
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage

The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

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](#)

mRNA Refseq [NM_012213](#)

Protein Refseq [NP_036345](#)

MIM [606761](#)

UniProt ID [O95822](#)

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