

Recombinant Malonyl Coenzyme A Decarboxylase (MLYCD) Instruction Manual

SIPB844Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Mitochondrion, Cytoplasm
Predicted Molecular Mass	37.8kDa
Accurate Molecular Mass	38kDa(Analysis of differences refer to the manual)
Residues & Tags	Ser191~Leu493 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	8.6
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                                                                 SSGFLNLERV
TWHSPCEVLQ KISEAEAVHP VKNWMDMKRR VGPYRRCYFF SHCSTPGEPL
VVLHVALTGD ISSNIQAIVK EHPPSETEEK NKITAAIFYS ISLTQQGLQG
VELGTFLIKR VVKELQREFP HLGVFSSLSL IPGFTKWLLG LLNSQTKEHG
RNELFTDSEC KEISEITGGP INETLKLLLS SSEWVQSEKL VRALQTPLMR
LCAWYLYGEK HRGYALNPVA NFHLQNGAVL WRINWMADVS LRGITGSCGL
MANYRYFLEE TGNSTSYLG SKIIKASEQV LSLVAQFQKN SKL
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

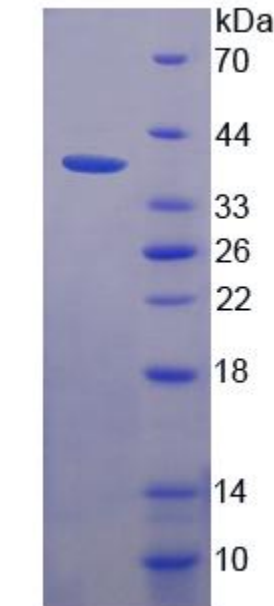
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image



15% SDS-PAGE

SDS-PAGE Image

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.