



Recombinant Rat Malonyl-CoA decarboxylase, mitochondrial (Mlycd)

Product Code	CSB-EP821622RA-B
Abbreviation	Mlycd
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q920F5
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MDELLRRAVPPTPAYELREKTPAPAEGQCADFVSFYGGGLAEAAQRAELLGRL AQQFGVDHGQVAEQSAGVLQLRQQSREAAVLLQAEDRLRYALVPRYRGLFH HISKLDGGVRFVLVQLRADLLEAQALKLVEGPHVREMNGVLKSMLEWSSGFL NLERVTWHSPCEVLQKISECEAVHPVKNWMDMKRRVGPYRRCYFFSHCSTP GDPLVVLHVALTGDISNNIQSIVKECPPSETEEKNRIAAAVFYSISLTQQGLQGV ELGTFLIKRVVKELQKEFPHLGAFFSSLPIPGFTKWLLGLLNVQGKEYGRNELF TDSECKEIAEVTGDPVHESLKGLLSSGEWAKSEKLAQALQGPLMRLCAWYLY GEKHRGYALNPVANFHLQNGAVMWRINWMADSSLKGLTSSCGLMVNYRYLL EETGPNSISYLGSKNIKASEQILSLVAQFQSNSKL
Source	E.coli
Target Names	Mlycd
Protein Names	Recommended name: Malonyl-CoA decarboxylase, mitochondrial Short name= MCD EC= 4.1.1.9
Expression Region	39–492aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.