



# Recombinant Malate:quinone oxidoreductase (mqo)

<b>Product Code</b>	CSB-EP845271EOD-B
<b>Abbreviation</b>	mqo
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8XE45
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O157:H7
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MKKVTAMLFS MAVGLNAVSM AAKAKASEEQ ETDVLLIGGG IMSATLGTYL RELEPEWSMT MVERLEGVAQ ESSNGWNNAG TGHSALMELN YTPQNADGSI SIEKAVAIN E AFQISRQFWA HQVERGVLRT PRSFINTVPH MSFVWGEDNV NFLRARYAAL QQSSLFRGMR YSEDHAQIKE WAPLVMGRD PQQKVAATR EIGTDVNYGE ITRQLIASLQ KKSNSFLQLS SEVRALKRND DNTWTVTVAD LKNGTAQNIR AKFVFIGAGG AALKLLQESG IPEAKDYAGF PVGGQFLVSE NPDVVNHHLA KVYGKASVGA PPMSVPHIDT RVLDGKRVVL FGPFATFSTK FLKNGSLWDL MSSTTTSNVM PMMHVGLDNF DLVKYLVSQV MLSEEDRFEA LKEYYPQAKK EDWRLWQAGQ RVQIIKRDAD KGGVLRGTE VVSDQQGTIA ALLGASPGAS TAAPIMLNLL EKVFGDRVSS PQWQATLKAI VPSYGRKLNG DVAATERELQ YTSEVLGLKY DKPQAADSTP KPQLKPQPQV KEVADIAL
<b>Source</b>	E.coli
<b>Target Names</b>	mqo
<b>Protein Names</b>	Recommended name: Malate:quinone oxidoreductase EC= 1.1.5.4 Alternative name(s): MQO Malate dehydrogenase [quinone]
<b>Expression Region</b>	1-548
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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

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