



Recombinant Escherichia coli O139:H28 Probable malate:quinone oxidoreductase (mqo)

Product Code	CSB-EP421956EJD
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.	A7ZP32
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O139:H28 (strain E24377A / ETEC)
Purity	>85% (SDS-PAGE)
Sequence	MKKVTAMLFS MAVGLNAVSM AAKAKASEEQ ETDVLLIGGG IMSATLGTYL RELEPEWSMT MVERLEGVAQ ESSNGWNNAG TGHSALMELN YTPQNADGSI SIEKAVAIN E AFQISRQFWA HQVERGVLRT PRSFINTVPH MSFVWGEDNV NFLRARYAAL QQSSLFRGMR YSEDHAQIKE WAPLVMEGRD PQQKVAATRT EIGTDVNYGE ITRQLIASLQ KKS NFLSLQLS SEVRALKRND DNTWTVTVAD LKNGTAQNIR AKFVFIGAGG AALKLLQESG IPEAKDYAGF PVGGQFLVSE NPDVNVHHLA KVYGKASVGA PPMSVPHIDT RVLDGKRVLV FGPFATFSTK FLKNGSLWDL MSSTTTSNVM PMMHVGLDNF DLVKYLVSVQ MLSEEDRFEA LKEYYPQAKK EDWRLWQAGQ RVQIIKRDAE KGGVLR LGTE VVSDQQGTIA ALLGASPGAS TAAPIMLDLL EKVFGDRVSS PQWQATLKAI VPSYGRKLNG DVAATERELQ YTSEVLGLKY DKPQAADSTP KPQLKPQP VQ KEVADIAL
Source	E.coli
Target Names	mqo
Protein Names	Recommended name: Probable malate:quinone oxidoreductase EC= 1.1.5.4 Alternative name(s): MQO Malate dehydrogenase [quinone]
Expression Region	1-548
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 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.



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