



Recombinant NAD-dependent malic enzyme (maeA)

Product Code	CSB-YP837950EOD
Abbreviation	maeA
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.	Q8XAS9
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	MEPKTKKQRS LYIPYAGPVL LEFPLLNKGS AFSMEERRNF NLLGLLPEVV ETIEEQAERA WIQYQGFKTE IDKHIYLRNI QDTNETLFYR LVNNHLDEMM PVIYTPTVGA ACERFSEIYR RSRGVFISYQ NRHNMDLILQ NVPNHNIKVI VVTDGERILG LGDQGIGGMG IPIGKLSLYT ACGGISPAYT LPVVLVDVGTN NQQLLNDPLY MGWRNPRITD DEYYEFVDEF IQAVKQRWPD VLLQFEDFAQ KNAMPLNRY RNEICSFNDD IQGTAAVTVG TLIAASRAAG GQLSEKKIVF LGAGSAGCGI AEMIIAQTR EGLSEEAARQ KVMVDRFGL LTDKMPNLLP FQTKLVQKRE NLSDRDSD VLSLLDVVRN VKPDILIGVS GQTGLFTEEI IREMHKHCPR PIVMPLSNPT SRVEATPQDI IAWTEGNALV ATGSPFNPVV WKDKIYPIAQ CNAFIFPGI GLGVIASGAS RITDEMLMSA SETLAQYSPL VLNGEGLVLP ELKDIQKVSRAIAFAVGKMA QQQGVAVKTS AEALQQAIDD NFWQAEYRDY RRTSI
Source	Yeast
Target Names	maeA
Protein Names	Recommended name: NAD-dependent malic enzyme Short name= NAD-ME EC= 1.1.1.38
Expression Region	1-565
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.

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.