



Recombinant Escherichia coli Acetaldehyde dehydrogenase (mhpF)

Product Code	CSB-MP514378ENU
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.	C4ZTB5
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12 / MC4100 / BW2952)
Purity	≥85% (SDS-PAGE)
Sequence	MSKRKVAIIG SGNIGTDLMI KILRHGQHLE MAVMVGIDPQ SDGLARARRM GVATTHEGVI GLMNMPEFAD IDIVFDATSA GAHVKNDAAL REAKPDIRLI DLTPAAIGPY CVPVVNLEAN VDQLNVNMT CGGQATIPMV AAVSRVARVH YAEIIASIAS KSAGPGTRAN IDEFTETTSR AIEVVGGA AKGKAIIVLNPA EPPLMMRDTV YVLSDEASQD DIEASINEMA EAVQAYVPGY RLKQRVQFEV IPQDKPVNLP GVGQFSGLKT AVWLEVEGAA HYLPAAYAGNL DIMTSSALAT AEKMAQSLAR KAGEAA
Source	Mammalian cell
Target Names	mhpF
Protein Names	Recommended name: Acetaldehyde dehydrogenase EC= 1.2.1.10 Alternative name(s): Acetaldehyde dehydrogenase [acetylating]
Expression Region	1-316
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.