



Recombinant Escherichia coli Mannitol-1-phosphate 5-dehydrogenase (mtlD)

Product Code	CSB-EP539401ENP
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.	B1IZJ2
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain ATCC 8739 / DSM 1576 / Crooks)
Purity	>85% (SDS-PAGE)
Sequence	MKALHFGAGN IGRGFIGKLL ADAGIQLTFA DVNQVVLDAL NARHSYQVHV VGETEQVDTV SGVDAVSSIG DDVVDLIAQV DLVTTAVGPV VLERIAPIA KGLVKRKEQG NESPLNIIAC ENMVRGTTQL KGHVMNALPE DAKAWVEEHV GFVDSAVDRI VPPSASATND PLEVTVETFS EWIVDKTQFK GALPNIPGME LTDNLMAFVE RKLFTLNTGH AITAYLGKLA GHQTIRDAIL DEKIRAVVKG AMEESGAVLI KRYGFDADKH AAYIQKILGR FENPYLKDDV ERVGRQPLRK LSAGDRLIKP LLGTLEYSLP HKNLIQGIAG AMHFRSEDDP QAQELAALIA DKGPQAALAQ ISGLDANSEV VSEAVTAYKA MQ
Source	E.coli
Target Names	mtlD
Protein Names	Recommended name: Mannitol-1-phosphate 5-dehydrogenase EC= 1.1.1.17
Expression Region	1-382
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.