



Recombinant Escherichia coli Maltodextrin phosphorylase (malP)

Product Code	CSB-MP360545ENV
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.	P00490
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	≥85% (SDS-PAGE)
Sequence	SQPIFNDKQ FQEALSRQWQ RYGLNSAAEM TPRQWWLAVS EALAEMLRAQ PFAKPVANQR HVNYISMEFL IGRLTGNNLL NLGWYQDVQD SLKAYDINLT DLLEEIDPA LGNGGLGRLA ACFLDSMATV GQSATGYGLN YQYGLFRQSF VDGKQVEAPD DWHRSNYPWF RHNEALDVQV GIGGKVTKDG RWEPEFTITG QAWDLPVVG YRNGVAQPLRL WQATHAHPFD LTKFNDGDFL RAEQQGINAE KLTKVLYPND NHTAGKKLRL MQQYFQCACS VADILRRHHL AGRKLHELAD YEVIQLNDTH PTIAIPELLR VLIDEHQMSW DDAWAITSKT FAYTNHTLMP EALERWDVKL VKGLLPRHMQ IINEINTRFK TLVEKTWPGD EKVWAKLAVV HDKQVHMANL CVVGGFAVNG VAALHSDLVV KDLFPEYHQL WPNKFHNVTN GITPRRWIKQ CNPALAALLD KSLQKEWAND LDQLINLEKF ADDAKFRQQY REIKQANKVR LAEFVKVRTG IEINPQAIFD IQIKRLHEYK RQHLLNLLHIL ALYKEIRENP QADRVPRVFL FGAKAAPGY LAKNIIFAIN KVADVINDP LVGDKLKVV LPDYCVSAAE KLIPAADISE QISTAGKEAS GTGNMKLALN GALTVGTLDG ANVEIAEKVG EENIFIGHT VEQVKAILAK GYDPVKWRKK DKVLDVAVLKE LESGKYSDDG KHAFDQMLHS IGKQGGDPYL VMADFAAYVE AQKQVDVLYR DQEAWTRAAI LNTARCGMFS SDRSIRDYQA RIWQAKR
Source	Mammalian cell
Target Names	malP
Protein Names	Recommended name: Maltodextrin phosphorylase EC= 2.4.1.1
Expression Region	2-797
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 of Mature 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.