



# Recombinant Escherichia coli Maltodextrin phosphorylase (malP)

<b>Product Code</b>	CSB-EP360545ENV-B
<b>Storage</b>	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.
<b>Uniprot No.</b>	P00490
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	SQPIFNDKQ FQEALSRQWQ RYGLNSAAEM TPRQWWLAVS EALAEMLRAQ PFAKPVANQR HVNYISMEFL IGRLTGNLL NLGWYQDVQD SLKAYDINLT DLLEEIDPA LGNGGLGRLA ACFLDSMATV GQSATGYGLN YQYGLFRQSF VDGKQVEAPD DWHRSNYPWF RHNEALDVQV GIGGKVTKDG RWEPEFTITG QAWDLPVVG YRNGVAQPLRL WQATHAHPFD LTKFNDGDFL RAEQQGINAE KLTKVLYPND NHTAGKRLRL MQQYFQCACS VADILRRHHL AGRKLHELAD YEVIQLNDTH PTIAPELLR 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 LVGDKLVVF LPDYCVSAAE KLIPAADISE QISTAGKEAS GTGNMMLALN GALTVGTLDG ANVEIAEKVG EENIFIGHT VEQVKAILAK GYDPVKWRKK DKVLDVAVLKE LESGKYSDDG KHAFDQMLHS IGKQGGDPYL VMADFAAYVE AQKQVDVLYR DQEAWTRAAI LNTARCGMFS SDRSIRDYQA RIWQAKR
<b>Source</b>	E.coli
<b>Target Names</b>	malP
<b>Protein Names</b>	Recommended name: Maltodextrin phosphorylase EC= 2.4.1.1
<b>Expression Region</b>	2-797
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.

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