



# Recombinant Escherichia coli

## Maltose/maltodextrin-binding periplasmic protein (malE)

<b>Product Code</b>	CSB-YP360183ENV
<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>	P0AEX9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	KIEE GKLVIWINGD KGYNGLAEVG KKFEDTGIK VTVEHPDKLE EKFPQVAATG DGPDIIFWAH DRFGGYAQSG LLAEITPDKA FQDKLYPFTW DAVRYNGKLI AYPIAVEALS LIYNKDLLPN PPKTWEEIPA LDKELKAKGK SALMFNLQEP YFTWPLIAAD GGYAFKYENG KYDIKDVGVN NAGAKAGLTF LVDLIKNKHM NADTDYSIAE AAFNKGETAM TINGPWAWSN IDTSKVNYGV TVLPTFKGQP SKPFVGVLSA GINAASPNKE LAKEFLENYL LTDEGLEAVN KDKPLGAVAL KSYEEELAKD PRIAATMENA QKGEIMPNIQ QMSAFWYAVR TAVINAASGR QTVDEALKDA QTRITK
<b>Source</b>	Yeast
<b>Target Names</b>	malE
<b>Protein Names</b>	Recommended name: Maltose-binding periplasmic protein Alternative name(s): MBP MMBP Maltodextrin-binding protein
<b>Expression Region</b>	27-396
<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.
<b>Shelf Life</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.