



Recombinant Escherichia coli Protein MalY (malY)

Product Code	CSB-EP326048ENV
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.	P23256
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MFDFSKVVDR HGTWCTQWDY VADRFGTADL LPFTISDMDF ATAPCIIEAL NQRLMHGVFG YSRWKNDEFL AAIHWFSTQ HYTAIDSQTV VYGPSVIYMV SELIRQWSET GEGVVIHTPA YDAFYKAIIEG NQRTVMPVAL EKQADGWFCF MGKLEAVLAK PECKIMLLCS PQNPTGKVWT CDELEIMADL CERHGVVVIS DEIHMDMVWG EQPHIPWSNV ARGDWALLTS GSKSFNIPAL TGAYGIIENS SSRDAYLSAL KGRDGLSSPS VLALTAHIAA YQQGAPWLDA LRIYLDNLT YIADKMNAAF PELNWQIPQS TYLAWLRLRP LNIDDNALQK ALIEQEKVAI MPGYTYGEEG RGFVRLNAGC PRSKLEKGVA GLINAIRAVR
Source	E.coli
Target Names	malY
Protein Names	Recommended name: Protein MalY Including the following 2 domains: Cystathionine beta-lyase MalY Short name= CBL EC= 4.4.1.8 Alternative name(s): Beta-cystathionase Cysteine lyase Maltose regulon modulator
Expression Region	1-390
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.