



Recombinant Streptococcus pneumoniae Maltose/maltodextrin-binding protein (malX)

Product Code	CSB-EP349371SMP-B
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.	P59214
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pneumoniae (strain ATCC BAA-255 / R6)
Purity	>85% (SDS-PAGE)
Sequence	CGSKTA DKPADSGSSE VKELTVYVDE GYKSYIEEVA KAYEKEAGVK VTLKTGDALG GLDKLSLDNQ SGNVPDVMMA PYDRVGSLSGS DGQLSEVKLS DGAKTDDTTK SLVTAANGKV YGAPAVIESL VMYYNKDLVK DAPKTFADLE NLAKDSKYAF AGEDGKTTAF LADWTNFYYT YGLLAGNGAY VFGQNGKDAK DIGLANDGSI AGINYAKSWY EKWPCKGMQDT EGAGNLIQTQ FQEGKTAII DGPWKAQAFK DAKVNYGVAT IPTLPNGKEY AAFGGGKAWV IPQAVKNLEA SQKFVDFLVA TEQQKVLYDK TNEIPANTEA RSYAEGKNDE LTTAVIKQFK NTQPLPNISQ MSAVWDPASN MLFDAVSGQK DAKTAANDAV TLIKETIKQK FGE
Source	E.coli
Target Names	malX
Protein Names	Recommended name: Maltose/maltodextrin-binding protein
Expression Region	25-423
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.