



Recombinant Escherichia coli Glycine betaine/proline betaine-binding periplasmic protein (proX)

Product Code	CSB-MP365322ENV
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.	P0AFM2
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	ADLPGKGIT VNPVQSTITE ETFQTLVSR ALEKLGTVN KPSEVDYNVG YTSLASGDAT FTAVNWTPLH DNMIEAAGGD KKFYREGVFV NGAAQGYLID KKTADQYKIT NIAQLKDPKI AKLFDNNGDG KADLTGCNPG WGCEGAINHQ LAAYELTNTV THNQGNYAAM MADTISRYKE GKPVFYYTWT PYWVSNELKP GKDVVWLQVP FSALPGDKNA DTKLPNGANY GFPVSTMHIV ANKAWAEKNP AAAKLFAIMQ LPVADINAQN AIMHDGKASE GDIQGHVDGW IKAHQQQFDG WVNEALAAQK
Source	Mammalian cell
Target Names	proX
Protein Names	Recommended name: Glycine betaine-binding periplasmic protein
Expression Region	22-330
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.