



Recombinant Zea mays Indole-3-glycerol phosphate lyase, chloroplastic (BX1)

Product Code	CSB-EP331514ZAX-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.	P42390
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	≥85% (SDS-PAGE)
Sequence	AAAAVT VPAAPPQAPA PAPVPPKQAA APAERRSRPV SDTMAALMAK GKTAFIPYIT AGDPLATTA EALRLLDGCG ADVIELGVPC SDPYIDGPII QASVARALAS GTTMDAVLEM LREVTPELSC PVVLLSYYKP IMSRSLAEMK EAGVHGLIVP DLPYVAHSL WSEAKNNLE LVLLTTPAIP EDRMKEITKA SEGFVYLVSV NGVTGPRANV NPRVESLIQE VKKVTNKPVA VGFGISKPEH VKQIAQWGAD GVIIGSAMVR QLGEAASPKQ GLRRLEEYAR GMKNALP
Source	E.coli
Target Names	BX1
Protein Names	Recommended name: Indole-3-glycerol phosphate lyase, chloroplastic EC= 4.1.2.8 Alternative name(s): Benzoxazineless 1 Indole synthase Tryptophan synthase alpha chain EC= 4.2.1.20
Expression Region	54-347
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.