



Recombinant 2-deoxy-scylo-inosose synthase (btrC)

Product Code	CSB-EP870990BAN
Abbreviation	btrC
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.	Q9S5E2
Product Type	Recombinant Protein
Immunogen Species	Bacillus circulans
Purity	>85% (SDS-PAGE)
Sequence	MTTKQICFAD RCFNFAFGEH VLESVESYIP RDEFDQYIMI SD SGV PDSIV HYAAEYFGKL APVHILRFQG GEEYKTLSTV TNLQERAIAL GANRRTAIVA VGGGLTGNVA GVAAGMMFRG IALIHVPTTF LAASDSVLSI KQAVNLTSGK NLVGFYPPR FVFADTRILS ESPPRQVKAG MCELVKNMLI LENDNKEFTE DDLNSANVYS PKQLETFINF CISAKMSVLS EDIYEKKKGL IFEYGH TIGH AIELAEQGGI THGEAIAVGM IYAAKIANRM NLMPEHDVSA HYWLLNKIGA LQDIPLKSDP DSIFHYLIHD NKRGYIKLDE DNLGMILLSG VGKPAMYNQT LLTPVRKTLI KEVIREGL
Source	E.coli
Target Names	btrC
Protein Names	Recommended name: 2-deoxy-scylo-inosose synthase Short name= DOI synthase Short name= DOIS EC= 4.2.3.-
Expression Region	1-368
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.