



Recombinant *Pyrococcus furiosus* Tryptophan synthase beta chain 1 (trpB1)

Product Code	CSB-EP819622FHW-B
Abbreviation	trpB1
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.	Q8U093
Product Type	Recombinant Protein
Immunogen Species	<i>Pyrococcus furiosus</i> (strain ATCC 43587 / DSM 3638 / JCM 8422 / Vc1)
Purity	>85% (SDS-PAGE)
Sequence	MWFGEGGGQY VPETLIEPLK ELEKAYKRFK DDEEFNRQLN YYLKTWAGRP TPLYYAKRLT EKIGGAKIYL KREDLVHGGA HKTNNAIGQA LLAKFMGKTR LIAETGAGQH GVATAMAGAL LGMKVDIYMG AEDVERQKMN VFRMKLLGAN VIPVNSGSRT LKDAINEALR DWVATFEYTH YLIGSVVGPY PYPTIVRDFQ SVIGREAKAQ ILEAEGQLPD VIVACVGGGS NAMGIFYPFV NDKKVKLVGV EAGGKGLESG KHSASLNAGQ VGVFHGMLSY FLQDEEGQIK PTHSIAPGLD YPGVGPEHAY LKKIQRAEYV TVTDEEALKA FHLSRTEGI IPALESAAV AYAMKLAKEM SRDEIIIVNL SGRGDKDLDI VLKVSQNV
Source	E.coli
Target Names	trpB1
Protein Names	Recommended name: Tryptophan synthase beta chain 1 EC= 4.2.1.20
Expression Region	1-388
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.