



Recombinant Methanocaldococcus jannaschii

Tryptophan synthase beta chain (trpB)

Product Code	CSB-MP726602MRU
Abbreviation	trpB
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.	Q60179
Product Type	Recombinant Protein
Immunogen Species	Methanocaldococcus jannaschii (strain ATCC 43067 / DSM 2661 / JAL-1 / JCM 10045 / NBRC 100440) (Methanococcus jannaschii)
Purity	≥85% (SDS-PAGE)
Sequence	MSILKKYKDM YPDENGKFGI YGGKFVPETL MPAIAELEEA FKRFWINNEG NFFREEFYALL RDYVGRPTPL YYAERLSEEL GCKVYLKRED LAHLGAHKIN NALGQALLAK KMGKKRVIAE TGAGQHGVAT AAACAKLGL CIIYMGAKDV ERQKLNFRM ELMGAKVIPV FGGSQTLKDA VNEALRDWTT NVRTTYLLG SALGPHPYPM MVREFQRVIG KELKEQILEK EGRLPDVIVA CVGGGSNAIG AFYEFLDDDV ELYAVEAGGK GIETGMHGAS LCAGEVGV LH GAKIYVKEDE FGQIEESYSI SAGLDYPGVG PELSFLKDEG RIKAVCVTDD EALEAFQLLC RLEGILPALE SSHALAYAVK LADKLDKDDI MVINLSGRGD KDVQTVAKAL GREI
Source	Mammalian cell
Target Names	trpB
Protein Names	Recommended name: Tryptophan synthase beta chain EC= 4.2.1.20
Expression Region	1-404
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.