



Recombinant Bacillus subtilis Amidophosphoribosyltransferase (purF)

Product Code	CSB-EP018427BRJ-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P00497
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis (strain 168)
Purity	>85% (SDS-PAGE)
Sequence	CGVFGIUGH EEAPQITYYG LHSLQHRGQE GAGIVATDGE KLTAHKGQGL ITEVFQNGEL SKVKGKGAIG HVRYATAGGG GYENVQPLLF RSQNNGLAL AHNGNLVNAT QLKQQLENQG SIFQTSSDTE VLAHLIKRSG HFTLKDQIKN SLSMLKGAYA FLIMTETEMI VALDPNGLRP LSIGMMGDAY VVASETCAFD VVGATYLREV EPGEMLIIND EGMKSERFSM NINRSICSME YIYFSRPDSN IDGINVHSAR KNLGKMLAQE SAVEADVVTG VPDSSISAAI GYAEATGIPY ELGLIKNRYV GRTFIQPSQA LREQGVRMKL SAVRGVVEGK RVVMVDDISV RGTTSTRIVT MLREAGATEV HVKISSPPIA HPCFYGIDTS THEELIASSH SVEEIRQEIG ADTSLFSLVE GLLKGIGRKY DDSNCGQCLA CFTGKYPTTEI YQDTVLPVHK EAVLTK
Source	E.coli
Target Names	purF
Protein Names	Recommended name: Amidophosphoribosyltransferase Short name= ATase EC= 2.4.2.14 Alternative name(s): Glutamine phosphoribosylpyrophosphate amidotransferase Short name= GPATase
Expression Region	12-476
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.