



# Recombinant Bacillus subtilis Amidophosphoribosyltransferase (purF)

<b>Product Code</b>	CSB-MP018427BRJ
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P00497
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bacillus subtilis (strain 168)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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
<b>Source</b>	Mammalian cell
<b>Target Names</b>	purF
<b>Protein Names</b>	Recommended name: Amidophosphoribosyltransferase Short name= ATase EC= 2.4.2.14 Alternative name(s): Glutamine phosphoribosylpyrophosphate amidotransferase Short name= GPATase
<b>Expression Region</b>	12-476
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.