



Recombinant *Ashbya gossypii* Geranylgeranyl pyrophosphate synthase (BTS1)

Product Code	CSB-EP762225DOT-B
Abbreviation	BTS1
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.	Q758K0
Product Type	Recombinant Protein
Immunogen Species	<i>Ashbya gossypii</i> (strain ATCC 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (<i>Eremothecium gossypii</i>)
Purity	>85% (SDS-PAGE)
Sequence	MDSVEGLALG PVIWTASQEE LLRQPYNHLV TQPGKNFRNT LIRVFNGFYG LSERQVAAVT ELVEMLHVAS LLIDDIEDNS AWRRGVAAAH VVYGSPMTIN TANYMYFVSM SLLGQLAAQR PAGPLQDLLK VFNEEMMNLH RGQGLDIYWR DTFTVPSEHD YLRMVMHKTG GLFRLTVRIM EALREGPDGP GSTLVPLSNL LGVLYQVRDD YLNLTDSRMS ENKGFADDIT EGKFSYPIIH GLQYARVHDP AGYDFLVSVL RQRTDITTK RRVVRYLADV SGSLAYTKQR IIELATLIKT KYIPASGTEL CNVIDSLTSF
Source	E.coli
Target Names	BTS1
Protein Names	Recommended name: Geranylgeranyl pyrophosphate synthase Short name= GGPP synthase Short name= GGPPSase EC= 2.5.1.- Alternative name(s): (2E,6E)-farnesyl diphosphate synthase Dimethylallyltranstransferase EC= 2.5.1.1
Expression Region	1-320
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.