



# Recombinant Escherichia coli Bifunctional glutathionylspermidine synthetase/amidase (gsp)

<b>Product Code</b>	CSB-EP365188ENV
<b>Storage</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.
<b>Uniprot No.</b>	P0AES0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	SKGTTSQDA PFGTLLGYAP GGVAIYSSDY SSLDPQEYED DAVFRSYIDD EYMGHKWQCV EFARRFLFLN YGVVFTDVGM AWEIFSLRFL REVVNDNILP LQAFPNGSPR APVAGALLIW DKGGEFKDTG HVAITQLHG NKVRIAEQNV IHSPLPQQGQ WTRELEMVVE NGCYTLKDTF DDTTILGWMI QTEDTEYSLP QPEIAGELLK ISGARLENKG QFDGKWLDEK DPLQNAYVQA NGQVINQDPY HYYTITESAE QELIKATNEL HLMYLHATDK VLKDDNLLAL FDIPKILWPR LRLSWQRRRH HMITGRMDFC MDERGLKVEE YNADSASCHT EAGLILERWA EQGYKGNNGFN PAEGLINELA GAWKHSRARP FVHIMQDKDI EENYHAQFME QALHQAGFET RILRGLDELG WDAAGQLIDG EGRLVNCVWK TWAWETAFDQ IREVSDREFA AVPIRTGHPQ NEVRLIDVLL RPEVLVFEPL WTVIPGNKAI LPILWSLFP HRYLLDFT VDELVKTGY AVKPIAGRGC SNIDLVSHEE EVLDKTSKGF AEQKNYQQL WCLPKVDGKY IQVCTFTVGG NYGGTCLRGD ESLVIKKESD IEPLIVVKK
<b>Source</b>	E.coli
<b>Target Names</b>	gss
<b>Protein Names</b>	Recommended name: Bifunctional glutathionylspermidine synthetase/amidase Including the following 2 domains: Glutathionylspermidine synthase EC= 6.3.1.8 Alternative name(s): GSP synthetase Glutathione:spermidine ligase [ADP-formi
<b>Expression Region</b>	2-619
<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.



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