



Recombinant GTP pyrophosphokinase (relA)

Product Code	CSB-YP360358EOD
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.	P0AG22
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	≥85% (SDS-PAGE)
Sequence	MVAVRSAHIN KAGEFDPEKW IASLGITSQK SCECLAETWA YCLQQTQGHF DASLLLWRGV EMVEILSTLS MDIDTLRAAL LFPLADANVV SEDVLRESVG KSVVNLIHGV RDMAAIRQLK ATHTDSVSSE QVDNVRRLMLL AMVDDFRCVV IKLAERIAHL REVKDAPEDF RVLAAKECTN IYAPLANRLG IGQLKWELED YCFRYLHPTE YKRIAKLLHE RRLDREHYIE EFVGHLLRAEM KAEGVKAENV GRPKHIYSIW RKMQKKNLAF DELFDVRAVR IVAERLQDCY AALGIVHTHY RHLPDFEDDY VANPKPNGYQ SIHTVVLGPG GKTVEIQIRT KQMHEDEALG VAAHWKYKEG AAAGGARSQH EDRIAWLRKL IAWQEEMADS GEMLDEVRSQ VFDDRYYVFT PKGDVVDLPA GSTPLDFAYH IHSDVGHRCI GAKIGGRIVP FTYQLQMGDQ IEITQKQPN PSRDWLNPNL GYVTTSRGRS KIHAWFRKQD RDKNILAGRQ ILDDLEHLG ISLKEAEKHL LPRYNFNDVD ELLAAIGGGD IRLNQMVNFL QSQFNKPSAE EQDAAALKQL QQKSYTPQNR SKDNGRVVVE GVGNNLMHHA RCCQPIPGDE IVGFITQGRG ISVHRADCEQ LAELRSHAPE RIVDAVWGES YSAGYSLVVR VVANDRSGLL RDITTILANE KVNVLGVASR SSDKQQLATI DMTIEIYNLQ VLGRVLGKLN QVPDVIDARR LHGS
Source	Yeast
Target Names	relA
Protein Names	Recommended name: GTP pyrophosphokinase EC= 2.7.6.5 Alternative name(s): (p)ppGpp synthase ATP:GTP 3'-pyrophosphotransferase ppGpp synthase I
Expression Region	1-744
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.