



Recombinant GTP pyrophosphokinase (relA)

Product Code	CSB-EP365393EGX-B
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.	P0AG21
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MVAVRSAHIN KAGEFDPEKW IASLGITSQK SCECLAETWA YCLQQTQGHP DASLLLWRGV EMVEILSTLS MDIDTLRAAL LFPLADANVV SEDVLRESVG KSVVNLHGV RDMAAIRQLK ATHTDSVSSE QVDNVRMMLL AMVDDFRCVV IKLAERIAHL REVKDAPEDR VLAAKECTN IYAPLANRLG IGQLKWELED YCFRYLHPT EYKRIAKLLHE RRLDREHYIE EFVGH LRAEM KAEGVKAEVY GRPKHIYSIW RKMQKKNLAF DELFDVRAVR IVAERLQDCY AALGIVHTHY RHL PDEFDDY VANPKPNGYQ SIHTVVLGPG GKTVEIQIRT KQM HEDAELG VAAHWKYKEG AAAGGARS GH EDRIAWLRKL IAWQEEMADS GEMLDEVRSQ VFDDR VYVFT PKGDVVDLPA GSTPLDFAYH IHSDVGHRCI GAKIGGRIVP FTYQLQMGDQ IEITQKQPN PSRDWLNPNL GYVTTSRGRS KIHAWFRKQD RDKNILAGRQ ILDDELEHLG ISLKEAEKHL LPRYNFNDVD ELLAAIGGGD IRLNQMVNFL QSQFNKPSAE EQDAAALKQL QKKSYPQNR SKDN GRVVVE GVG NLMHHIA RCCQPIPGDE IVGFITQGRG ISVHRADCEQ LAELRSHAPE RIVDAVWGES YSAGYSLVVR VVANDRSGLL RDITTILANE KVNVLGVASR SDTKQQLATI DMTIEIYNLQ VLGRVLGKLN QVPDVIDARR LHGS
Source	E.coli
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.