



# Recombinant Escherichia coli O17:K52:H18 Guanosine-5'-triphosphate,3'-diphosphate pyrophosphatase (gppA)

<b>Product Code</b>	CSB-YP485471EOG
<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>	B7NF84
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O17:K52:H18 (strain UMN026 / ExPEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MGSTSSLYAA IDLGSNSFHM LVVREVAGSI QTLTRIKRKV RLAAGLNSEN ALSNEAMERG WQCLRLFAER LQDIPPSQIR VVATATLRLA VNAGDFIAKA QEILGCPVQV ISGEEEARLI YQGVAHTTGG ADQRLVVDIG GASTELVTGT GAQTTSLFSL SMGCVTWLER YFADRNLAQE NFDAAEKAAR EVLRPVADEL RYHGWKVCVG ASGTVQALQE IMMAQGMDER ITLEKLQQLK QRAIHCGRLE ELEIDGLTLE RALVFPSGLA ILIAIFTELN IQCMTLAGGA LREGLVYGML HLTVEQDIRS RTLRNIQRRF MIDIDQAQRV AKVAANFFDQ VKNEWHLEAI SRDLLISACQ LHEIGLSVDF KQAPQHAAYL VRNLDLPGFT PAQKKLLATL LLNQTNPVDL SSLHQQNAVPRV AEQLCRL LRLAIFASR RRDDLVPENT LQANHELLTL TLPQGWLTPH PLGKEIIAQE SQWQSYVHWP LEVH
<b>Source</b>	Yeast
<b>Target Names</b>	gppA
<b>Protein Names</b>	Recommended name: Guanosine-5'-triphosphate,3'-diphosphate pyrophosphatase EC= 3.6.1.40 Alternative name(s): Guanosine pentaphosphate phosphohydrolase pppGpp-5'-phosphohydrolase
<b>Expression Region</b>	1-494
<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 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.