



Recombinant Escherichia coli Glucose-1-phosphate thymidyltransferase 1 (rmlA1)

Product Code	CSB-EP327723ENV-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.	P37744
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MKMRKGIILA GSGTRLYPV TMAVSKQLLP IYDKPMIYYP LSTLMLAGIR DILIISTPQD TPRFQQLLGD GSQWGLNLQY KVQPSPDGLA QAFIIGEEFI GGDDCALVLG DNIFYGHDLP KLMEAAVNKE SGATVFAYHV NDPERYGVVE FDKNGTAISL EEKPLEPKSN YAVTGLYFYD NDVVQMAKNL KPSARGELEI TDINRIYLEQ GRLSVAMMGR GYAWLDTGTH QSLIEASNFI ATIEERQGLK VSCPEEIAFR KGFIDVEQVR KLAVPLIKNN YGQYLYKMTK DSN
Source	E.coli
Target Names	rfbA
Protein Names	Recommended name: Glucose-1-phosphate thymidyltransferase 1 Short name= G1P-TT 1 EC= 2.7.7.24 Alternative name(s): dTDP-glucose pyrophosphorylase 1 dTDP-glucose synthase 1
Expression Region	1-293
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.