



Recombinant UTP--glucose-1-phosphate uridylyltransferase (galU)

Product Code	CSB-YP025569EGX
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0AEP4
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	AAINTKVKK AVIPVAGLGT RMLPATKAIP KEMLPLVDKP LIQYVVNECI AAGITEIVLV THSSKNSIEN HFDTSFEELEA MLEKRVKRQL LDEVQSICPP HVTIMQVRQG LAKGLGHA VL CAHPVVGDEP VAVILPDVIL DEYESDLSQD NLAEMIRRFD ETGHSQIMVE PVADVTAYGV VDCKGVELAP GESVPMVGVV EKPKADVAPS NLAIVGRYVL SADIWPLLA K TPPGAGDEIQ LTDAIDMLIE KETVEAYHMK GKSHDCGNKL GYMQAFVEYG IRHNTLGTEF KAWLEEEMGI KK
Source	Yeast
Target Names	galU
Protein Names	Recommended name: UTP--glucose-1-phosphate uridylyltransferase EC=2.7.7.9 Alternative name(s): Alpha-D-glucosyl-1-phosphate uridylyltransferase UDP-glucose pyrophosphorylase Short name= UDPGP Uridine diphosphoglucose pyropho
Expression Region	2-302
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 of Mature 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.