



Recombinant Solanum tuberosum UTP--glucose-1-phosphate uridylyltransferase

Product Code	CSB-EP025569FIG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P19595
Product Type	Recombinant Protein
Immunogen Species	Solanum tuberosum (Potato)
Purity	>85% (SDS-PAGE)
Sequence	ATATTLSPA DAEKLNLS AVAGLNQISE NEKSGFINLV GRYLSGAEQH IDWSKIQTPT DEVVVPYDKL APLSEDP AET KLLDKLVVL KLNGLGTTM GCTGPKSVIE VRNGLTFLDL IVKQIEALNA KFGCSVPLLL MNSFNTHDDT LKIVEKYANS NIDIHTFNQS QYPRLVTEDF APLPCKGNSG KDGWYPPGHG DVFP SLMNSG KLDALLAKGK EYV FVANS DN LG AIVDLKIL NHLILNKNEY CMEVTPKTLA DVKGGTLISY EGKVQLLEIA QVPDEHVNEF KSIEFKIFN TNNLWVNLSA IKRLVEADAL KMEIIPNPKE VDGVKVLQLE TAAGAAIKFF DRAIGANVPR SRFLPVKATS DLLL VQSDLY TLTDEGYVIR NPARSNPSNP SIELGPEFKK VANFLGRFKS IPSIIDLDSL KVTGDVWFGS GVTLK GKVTV AAKSGVKLEI PDGAVIANKD INGPEDI
Source	E.coli
Protein Names	Recommended name: UTP--glucose-1-phosphate uridylyltransferase EC= 2.7.7.9 Alternative name(s): UDP-glucose pyrophosphorylase Short name= UDPGP Short name= UGPase
Expression Region	2-477
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.