



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

<b>Product Code</b>	CSB-EP025569FIG-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P19595
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Solanum tuberosum (Potato)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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
<b>Source</b>	E.coli
<b>Protein Names</b>	Recommended name: UTP--glucose-1-phosphate uridylyltransferase EC= 2.7.7.9 Alternative name(s): UDP-glucose pyrophosphorylase Short name= UDPGP Short name= UGPase
<b>Expression Region</b>	2-477
<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 of Mature 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.