



Recombinant Solanum tuberosum Alpha-1,4-glucan-protein synthase [UDP-forming] 2 (UPTG2)

Product Code	CSB-EP854630FIG
Abbreviation	UPTG2
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.	Q8RU27
Product Type	Recombinant Protein
Immunogen Species	Solanum tuberosum (Potato)
Purity	>85% (SDS-PAGE)
Sequence	MAGSSVTPTP LLKDELDIVI PTIRNLDFLE MWRPFFQPYH LIIVQDGDPS KIINVPEGFD YELYNRNDIN RILGPKASCI SFKDSACRCF GYMVSKKKYI YTIDDDCFVA KDPSGKDINA LEQHIKLLC PSTPHFFNTL YDPYREGADF VRGYPFMRE GAATAVSHGL WLNIPDYDAP TQLVKPRERN TRYVDAVMTI PKGTLFPMCG MNLAFDRELI GPAMYFGLMG DGQPIGRYDD MWAGWCIVKI CDHLGLGVKT GLPYIWHKA SNPFVNLKKE YKGIYWQEEI IPFSQSATLP KDCTSVQQCY LELSKQVKEK LSTIDPYFTK LADAMVTWIE AWDELNPTGE GLAKLPSRTA PESRLH
Source	E.coli
Target Names	UPTG2
Protein Names	Recommended name: Alpha-1,4-glucan-protein synthase [UDP-forming] 2 EC=2.4.1.- Alternative name(s): Reversibly glycosylated polypeptide 2 Short name=RGP2 UDP-glucose:protein transglucosylase 2 Short name= UPTG 2
Expression Region	1-366
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.