



Recombinant Zea mays Alpha-1,4-glucan-protein synthase [UDP-forming] (UPTG)

Product Code	CSB-EP301364ZAX-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P80607
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	>85% (SDS-PAGE)
Sequence	MAGTVTVPGS STPSTPLLKD ELDIVIPTIR NLDLFLEMWRA FFQPYHLIIV QDGDPTKTIK VPEGFYELY NRNDINRILG PKASCISFKD SACRCFGYMV SKKKYIYTID DDCFVAKDPS GKDINALEQH IKNLLSPSTP FFFNTLYDPY REGADFVRGY PFSLREGAHT AVSHGLWLN PDYDAPTQLV KPKERNERYV DAVMTIPKGT LFPMCGMNL FDRDLIGPAM YFGLMGDGQP IGRYDDMWAG WCVKVICDHL SLGVKTGLPY IWHSKASNPF VNLKKEYKGI FWQEDIIPFF QNV TIPKDCD TVQKCYIYLS GQVKEKLGTI DPYFVKLGDA MVTWIEAWDE LNPSTPAAAN GKAK
Source	E.coli
Target Names	UPTG
Protein Names	Recommended name: Alpha-1,4-glucan-protein synthase [UDP-forming] EC=2.4.1.- Alternative name(s): Amylogenin Golgi-associated protein se-wap41 Reversibly glycosylated polypeptide Short name= RGP UDP-glucose:protein trans
Expression Region	1-364
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.