



Recombinant *Methylococcus capsulatus* Glycogen synthase 2 (glgA2)

Product Code	CSB-YP736713MFM
Abbreviation	glgA2
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.	Q604D9
Product Type	Recombinant Protein
Immunogen Species	<i>Methylococcus capsulatus</i> (strain ATCC 33009 / NCIMB 11132 / Bath)
Purity	≥85% (SDS-PAGE)
Sequence	MHVTPELAPV AKVGGGLADV V FGLGRELEIR GNHVEIILPK YDCMRYDQIW GLQRTFDDLLW VPWYGGAIHC SVYFGFVHGR KCFEIEPHSQ DNFFNRGAVY GFHDDIFRFA FFSRAAMEFL WKAGKNPDII HCHDWQTALV PVYLYEIQP MGMRHPRVCF TIHNFKHQGV TGAQVLHASG LDRPEYYFHY DRLRDNHNPH AINLMKGGIV YANFVTTVSP RYAMEAKDQG QGFGLEPTLH IHMKYGGVV NGIDYDVWNP EIDPHIPVHF NVDTIEGKYA DKKALRDRL LADNEKPIVS FVGRLDPQKG IELIRHALFY TLGQGGQFVL LGSSPDGAIN GYFWGLKRQF NDNPDCHLEI GYNEELAHLV YAGSDVMVVP SRFEPGLTQ LIAMRYGTIP VVREIGGLAD TVIDKDFSHR PLHERNGYVF RDYDERGLES ALGRAIACY QYPDHFRELM KNAMRYDYSW NHPGQDYLN I YHYIRDK
Source	Yeast
Target Names	glgA2
Protein Names	Recommended name: Glycogen synthase 2 EC= 2.4.1.21 Alternative name(s): Starch [bacterial glycogen] synthase 2
Expression Region	1-487
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.