



Recombinant Synechococcus elongatus GTPase obg (obg)

Product Code	CSB-EP656035FPY-B
Abbreviation	obg
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.	Q31PN0
Product Type	Recombinant Protein
Immunogen Species	Synechococcus elongatus (strain PCC 7942) (Anacystis nidulans R2)
Purity	≥85% (SDS-PAGE)
Sequence	MQFIDHATIC VKAGDGGDGI VAFRREKYVP AGGPSGGNGG RGGSVILVAT EQLQTLLDFR YLRLFKAQDG ERGGPKGMTG ASADDLIIQV PCGTAVYDAE TDECLGDLTS AGQTLQVAQG GKGGGLGNQHF LSNSNRAPEH ALPGLPGEER QLRLELKLLA EVGLIGLPNA GKSMILISVLS AAKPKIADYP FTTLVPNLGV VRRETGDGTV FADIPLIEG AHRGAGLGHD FLRHIERTRL LIHLVDLTAE DPIADWRTIQ AELKAYGRGL SDRPQILALN KIDAVLDEDL SFWQAEFQAL TPVPLLCISS ADRRGLDALL RLWVQWLDEL DAAAESETR VLN
Source	E.coli
Target Names	obg
Protein Names	Recommended name: GTPase obg Alternative name(s): GTP-binding protein obg
Expression Region	1-343
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.