



Recombinant GTPase obg (obg)

Product Code	CSB-EP719823SMZ-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.	Q5XBM1
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
Purity	≥85% (SDS-PAGE)
Sequence	MSMFLDTAKI SVQAGRGGDG MVAFRREKYV PNGGPWGGDG GKGGSVIFRV DEGLRTLMDF RYNRKFKAKS GEKGMTKGMH GRGAEDLIVF VPQGTTVRDA ETGKVITDLV EHGQEVVIAK GGRGGRGNIR FATPRNPAPPE IAENGEPGEE RQLELELKIL ADVGLVGFPS VGKSTLLSVV SSAKPKIGAY HFTTIVPNLG MVRTKSGDSF AMADLPGLIE GASQGVGLGT QFLRHIERTR VILHVIDMSA SEGRDPYEDY VSINNELETY NLRLMERPQI IVANKMDMPE AQENLKAFKK KLAAQYDEFD DLPMIFPISS LAHQGLENLL EATAELLAKT DEFLLYDEAD LVDEEAYYGF AETEKDFEIT RDDDATWVLS GEKLERLFVM TNMERDESIM KFARQLRGMG VDEALRERGA KDGD LVIRIGK FEFEFVD
Source	E.coli
Target Names	obg
Protein Names	Recommended name: GTPase obg Alternative name(s): GTP-binding protein obg
Expression Region	1-437
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.