



Recombinant Escherichia coli GTPase ObgE/CgtA (obgE)

Product Code	CSB-EP331590ENV
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.	P42641
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MKFVDEASIL VVAGDGGNGC VSFREKYIP KGGPDGGDGG DGGDVWMEAD ENLNTLIDYR FEKSFRAERG QNGASRDCTG KRGKDVTIKV PVGTRVIDQG TGETMGDMTK HGQRLLVAKG GWHGLGNTRF KSSVNRTPRQ KTNNGTPGDKR ELLLEMLLA DVGMLGMPNA GKSTFIRAVS AAKPKVADYP FTTLVPSLGV VRMDNEKSFV VADIPGLIEG AAEGAGLGIR FLKHLERCRV LLHLIDIDPI DGTDPVENAR IIISELEKYS QDLATKPRWL VFNKIDLLDK VEAEKAKAI AEALGWEDKY YLISAASGLG VKDLCWDVMT FIIENPVVQA EEAKQPEKVE FMWDDYHRQQ LEEIAEEDDE DWDDDWDEDD EEGVEFIYKR
Source	E.coli
Target Names	obgE
Protein Names	Recommended name: GTPase ObgE/CgtA Alternative name(s): GTP-binding protein Obg
Expression Region	1-390
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.