



Recombinant *Vibrio harveyi* GTPase Obg/CgtA (cgtA)

Product Code	CSB-EP738594VFD-B
Abbreviation	cgtA
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.	Q6E0U3
Product Type	Recombinant Protein
Immunogen Species	<i>Vibrio harveyi</i> (<i>Beneckea harveyi</i>)
Purity	>85% (SDS-PAGE)
Sequence	MKFDVDEAVVK VQAGDGGSGV VSFWREKFIT KGGPDGGDGG DGGDVYIQAD ENLNTLIDYR FQRFYEAERG ENGRGGNCTG KRGKDITLRV PVGTRAVDIH TNEIVAEVAE HGKKVMVAKG GWHGLGNTRF KSSVNRAPRQ RTLGTKGEIR EIRLELLLLA DVGMLGLPNA GKSTFIRAVS AAKPKVADYP FTTLIPSLGV VSVVPEKSFV VADIPGLIEG AADGAGLGIR FLKHLERCRV LLHMIDIMPI DQSDPIQNAL TIIDELEQYS EKLAGKPRWL VFNKTDLMPE EEANEKIQEI LDALGWEDEY FKISAINRNG TKELCYKLAD FMENLPREEE EVAEEDKVN F MWDDYHKDAI AGKDVITEED DDDWDDCDDE DDDGHVYVVR D
Source	E.coli
Target Names	cgtA
Protein Names	Recommended name: GTPase Obg/CgtA Alternative name(s): CgtA GTP-binding protein Obg
Expression Region	1-391
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.