



Recombinant *Bacillus cereus* GMP reductase (guaC)

Product Code	CSB-EP723552BAAD-B
Abbreviation	guaC
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.	Q630E8
Product Type	Recombinant Protein
Immunogen Species	Bacillus cereus (strain ZK / E33L)
Purity	≥85% (SDS-PAGE)
Sequence	MENVFDYEDI QLIPAKCIVN SRSECDTTVT LGKHKFKLPV VPANMQTIID ERIATYLAEN NYFYIMHRFQ PEKRISFIRD MQSRGLIASI SVGVKEDEYE FVQQLAAEHL TPEYITIDIA HGHSNAVINM IQHIKKHLPE SFVIAGNVGT PEAVRELENA GADATKVGIG PGKVCITKIK TGFGTGGWQL AALRWCAKAA SKPIIADGGI RTNGDVAKSI RFGATMVMIG SLFAGHEESP GETIEKDGL YKEYFGSASE FQKGEKKNVE GKMFVEHKG SLEDTLIEME QDLQSSISYA GGTKLDSIRT VDYVVVKNSI FNGDKVY
Source	E.coli
Target Names	guaC
Protein Names	Recommended name: GMP reductase EC= 1.7.1.7 Alternative name(s): Guanosine 5'-monophosphate oxidoreductase Short name= Guanosine monophosphate reductase
Expression Region	1-327
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.