



Recombinant GMP reductase (guaC)

Product Code	CSB-EP733364SMZ
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.	Q5XC75
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
Purity	≥85% (SDS-PAGE)
Sequence	MFNDIPVFDY EDIQLIPNKC IITSRSQADT SVTLGKYQFK LPVIPANMQT IIDETIAEQL AKEGYFYIMH RFDEDSRKPF IKRMHEQGLI ASISVGVKAY EYEFVTSLKE DTPEFITIDI AHGHANSVID MIKHIKTELP ETFVIAGNVG TPEAVRELEN AGADATKVGI GPGKVCITKV KTGFGTGGWQ LAALRWCAKA ARKPIADGG IRTHGDIKAS IRFGASMVMI GSLFAGHIES PGKTVEVNGE TFKEYYGSAS AYQKGEHKNV EGKILLPTK GHLSDTLTEM QQDLQSSISY AGGKDLDSL R HVDYVIVKNS IWNGDSI
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.