



Recombinant Escherichia coli Diguanylate cyclase DgcZ (dgcZ)

Product Code	CSB-EP341203ENV
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.	P31129
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MIKKTTEIDA ILLNLNKAID AHYQWLVSMT HSVVARDASK PEITDNHSYG LCQFGRWIDH LGPLDNDELP YVRLMDSA HQ HMHNCGRELM LAIVENHWQD AHFDFQEGE LLSFTAALTDY KIYLLTIRSN MDVLTGLPGR RVLDESFDHQ LRNAEPLNLY LMLLDIDRFK LVNDTYGHLI GDVVLRTLAT YLASWTRDYE TVYRYGGEEF IIIVKAANDE EACRAGV RIC QLVDNHAITH SEGHINITVT AGVSRAFPEE PLDVVIGRAD RAMYEGKQTG RNRCMFIDEQ NVINRV
Source	E.coli
Target Names	dgcZ
Protein Names	Recommended name: Diguanylate cyclase YdeH Short name= DGC EC= 2.7.7.65
Expression Region	1-296
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.