



Recombinant Bacillus subtilis Glycolate oxidase subunit glcD (glcD)

Product Code	CSB-EP310958BRJ
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P94535
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis (strain 168)
Purity	≥85% (SDS-PAGE)
Sequence	MITKDVKEQL IQVSGPENFD DSNAGRLVYS YDATPQYQSM PDAVIAPRNT DEISRLTIC SEHRVPIVPR GSGTNLCGGT CPTTEGGLVLL FKHMNQILEI DEENLTATVQ PGVITLDMIR AVESKGLFYF PDPSSMKIST IGGNINENSG GLRGLKYGVT RDYVIGLEV V LANGDIIRTG GKLAKDVAGY DLTRLFVGSE GTLGIVTEAI VKLVPKPEK KTLALYENI DAAAQTVSDI IAAKIIPATL EFLDQPTLLV IEDYAKIGLP TSAKAVLLIE QDGPFFETVER DMEKIEAICK KGDVSVQTA QTEEEAFALT EARRSALSAL ARLKPTTILE DATVPRSEIA NMVKAINDIA AKYDISICTF GHAGDGNLHP TCTTDIRNKD EMERVEQAF EIFEKAIELG GTITGEHGVG EMKAPYLEMK LKKEGIDAMK ALKAAFDPRN ILNPGKMFPAK DARKRVVAER
Source	E.coli
Target Names	glcD
Protein Names	Recommended name: Glycolate oxidase subunit glcD
Expression Region	1-470
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.