Recombinant Bacillus licheniformis Inosose dehydratase (iolE)

Product Code	CSB-EP717664BQU-B
Abbreviation	iolE
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.	Q65D04
Product Type	Recombinant Protein
Immunogen Species	Bacillus licheniformis (strain ATCC 14580 / DSM 13 / JCM 2505 / NBRC 12200 / NCIMB 9375 / NRRL NRS-1264 / Gibson 46)
Purity	≥85% (SDS-PAGE)
Sequence	MGKTQILWGI APIGWRNDDI PEIGAGNTLQ HLLSDIVVAG FQGTEVGGFF PEPAILNKEL ELRNLRIAGK WFSSYIIRDG IEEAAKEFAA HCQYLKDVHA DVAVVSEQTY SVQGLDKNVF KEKPYFTDEE WQRLFEGLNH LGEIAGRYGL KLVYHHHLGT GVQTEEEVDR LMAGTDPALV HLLYDTGHAY ISDGNYMNIL EKHIDRIRHV HFKDARLKIM EKCKREGNSF QQAFLQGMFT VPGDGCIDFR EVYQTLLKHG YSGWIVVEAE QDPDVANPLE YALIARKYID RHLLNVPATN
Source	E.coli
Target Names	iolE
Protein Names	Recommended name: Inosose dehydratase EC= 4.2.1.44 Alternative name(s): 2-keto-myo-inositol dehydratase Short name= 2KMI dehydratase
Expression Region	1-300
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.