



Recombinant *Bacillus clausii* Inosose dehydratase (ioIE)

Product Code	CSB-EP716643BAAC
Abbreviation	ioIE
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.	Q5WKY7
Product Type	Recombinant Protein
Immunogen Species	<i>Bacillus clausii</i> (strain KSM-K16)
Purity	≥85% (SDS-PAGE)
Sequence	MANRKIRWGI APIGWRNDDI PEIGAENTLS HLLGDIVVAR FEGTEAGGFF PEPQILNKEL QLRNLKVAGK WFSSYIIRDG IASAAQAFDT HCQFLQAIGA EMAIVSEQTY SIQGLEANIF RDKPTFSKEE WKCLYEGLEE LGAIAHSYGL TLAFHPLGT GVQTKAEVDQ LMAHTDPSLV SLLYDTGHAY VSDGAFLPLL DDYMDRIKHV HFKDVRSEVT DACRRDGLSF QQAFKGMFT VPGDGCIDFT KVYRRLIRGG YDGWIVVEAE QDPNIAHPLE YALKARRYID SYLLAGGEKQ ATI
Source	<i>E. coli</i>
Target Names	ioIE
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	1-303
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.