



Recombinant Xylose isomerase (xylA)

Product Code	CSB-EP734398YAH-B
Abbreviation	xylA
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.	Q663Y3
Product Type	Recombinant Protein
Immunogen Species	Yersinia pseudotuberculosis serotype I (strain IP32953)
Purity	≥85% (SDS-PAGE)
Sequence	<pre>MQSYFNELEQ VRYEGSQSTN PLAFHHYNPD EMILGKRMAD HLRFAACYWH TFCWGGADMF GANAFDRPWQ QPGDALALAK RKAEVAFEFF HKLNVPPYYCF HDVDVSPEGA SLQEYLLNFA VMTDVLAEKQ AASGVKLLWG TANCFTHPRY GAGAATNPDP EVFSWAATQV FTAMNATRQL GGENYVLWGG REGYETLLNT DLRQEREQIG RFMQMVVEHK HKTGFQGTLL IEPKPQEPTK HQYDYDVATV YGFLKQFGL EKEIKVNIEN HATLAGHSFH HEIASAIALG IFGSVDANRG DPQLGWDTDQ FPNSVEENTL VMFEILKAGG FTTGGLNFDA KVRREQSTDY DLFYGHIGAM DTMALALKFA AKMIEDGQLD QIVAKRYAGW NSELGQQILQ GKMSLEELSR YASQHNLNPQ HQSGHQELLE NKVNRYLFG</pre>
Source	E.coli
Target Names	xylA
Protein Names	Recommended name: Xylose isomerase EC= 5.3.1.5
Expression Region	1-439
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.