



Recombinant Escherichia coli Xylose isomerase (xylA)

| | |
|--------------------------|--|
| Product Code | CSB-MP486629ENM |
| 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. | B7L6Y0 |
| Product Type | Recombinant Protein |
| Immunogen Species | Escherichia coli (strain 55989 / EAEC) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MQAYFDQLDR VRYEGSKSSN PLAFRHYNPD ELVLGKRMEE HLRFAACYWH TFCWNGADMV GVGAFNRPWQ QPGEALALAK RKADVAFEFF HKLHVPFYCF HDVDVSPEGA SLKEYINNFA QMVDVLAGKQ EESGVKLLWG TANCFTNPRY GAGAATNPDP EVFSWAATQV VTAMEATHKL GGENYVLWGG REGYETLLNT DLRQEREQLG RFMQMVVEHK HKIGFQGTLL IEPKPQEPTK HQYDYDAATV YGFLKQFGL E KEIKLNIEAN HATLAGHSFH HEIATAIALG LFGSVDANRG DAQLGWDTDQ FPNSVEENAL VMYEILKAGG FTTGGLNFDA KVRQSTDKY DLFYGHIGAM DTMALALKIA ARMIEDGELD KRIAQRYSGW NSELGQQILK GQMSLADLAK YAQEHNLSVPV HQSGRQEQL E NLVNHLYLFDK |
| Source | Mammalian cell |
| Target Names | xylA |
| Protein Names | Recommended name: Xylose isomerase EC= 5.3.1.5 |
| Expression Region | 1-440 |
| 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. |