



# Recombinant Escherichia coli L-fucose isomerase (fucI)

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| <b>Product Code</b>      | CSB-MP481499ENW  |
| <b>Storage</b>           | 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.  |
| <b>Uniprot No.</b>       | B6I6K0   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Escherichia coli (strain SE11)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MKKISLPKIG IRPVIDGRRM GVRESLEEQT MNMAKATAAL LTEKLRHACG AAVECVISDT CIAGMAEAAA CEEKFSSQNV GLTITVTPCW CYGSETIDMD PTRPKAIWGF NGTERPGAVY LAAALAAHSQ KGIPAFSIYG HDVQDADDT S IPADVEEKLL RFARAGLAVA SMKGKSYLSL GGVS MGIAGS IVDH NFFESW LGMKVQAVDM TELRRRIDQK IYDEAELEMA LAWADKNFRY GEDENNKQYQ RNAEQSRAVL RESLLMAMCI RDMMQGN SKL ADIGRVEESL GYNAIAAGFQ GQRHWTDQYP NGDTAEAILN SSFDWNGVRE PFVVATENDS LNGVAMLMGH QLTGTAQVFA DVRTYWSPEA IERVTGHKLD GLAEHGIHL INSGSAALDG SCKQRDSEGN PTMKPHWEIS QKEADA CLAA TEWCPA IHEY FRGGGYSSRF LTEGGVPFTM TRVNIKGLG PVLQIAEGWS VELPKDVHDI LNKRTNSTWP TTWFAPRLTG KGPFTDVYSI MANWGANHGV LTIGHVGADF ITLASMLRIP VCMHNVEETK VYRPSAWAAH GMDIEGQDYR ACQNYGPLYK R |
| <b>Source</b>            | Mammalian cell   |
| <b>Target Names</b>      | fucI   |
| <b>Protein Names</b>     | Recommended name: L-fucose isomerase EC= 5.3.1.25 Alternative name(s): 6-deoxy-L-galactose isomerase Fuclase   |
| <b>Expression Region</b> | 1-591  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Reconstitution</b>    | 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.  |
| <b>Shelf Life</b>        | 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.