



Recombinant L-fucose isomerase (fucI)

Product Code	CSB-EP817901EGX
Abbreviation	fucI
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.	Q8FEE7
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MKKISLPKIG IRPVIDGRRM GVRESLEEQT MNMAKATAAL LTEKLRHACG ATVECVISDT CIAGMAEAAA CEEKFSSQNV GLTITVTPCW CYGSETIDMD PTRPKAIWGF NGTERPGAVY LAAALAAHSQ KGIPAFSIYG HDVQDADDT IPADVEEKLL RFARAGLAVA SMKGKSYLSL GGVSMMGIAGS IVDHNFESW LGMKVQAVDM TELRRRIDQK IYDEAELEMA LAWADKNFRY GEDENNKQYQ RNAEQSRAVL RESLLMAMCI RDMMQGNSKL ADIGRVEESL GYNAIAAGFQ GQRHWTDQYP NGDTAEAILN SSFDWNGVRK PFVVATENDS LNGVAMLMGH QLTGTAQVFA DVRTYWSPEA IERVTHGKLD GLAEHGIIHL INSGSAALDG SCKQRDSEGN PTMKPHWEIS QQEADACLAA TEWCPAIHEY FRGGGYSSRF LTEGGVPFTM TRVNIKGLG PVLQIAEGWS VELPKDVHDI LNKRTNSTWP TTWFAPRLTG KGPFTDVYSV MANWGANHGV LTIGHVGADF ITLASMLRIP VCMHNVEETK VYRPSAWAAH GMDIEGQDYR ACQNYGPLYK R
Source	E.coli
Target Names	fucI
Protein Names	Recommended name: L-fucose isomerase EC= 5.3.1.25 Alternative name(s): 6-deoxy-L-galactose isomerase FucIase
Expression Region	1-591
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.



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