



Recombinant Escherichia coli Aldose 1-epimerase (galM)

Product Code	CSB-EP009200ENV-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0A9C3
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MLNETPALAP DGQPYRLLTL RNNAGMVVTL MDWGATLLSA RIPLSDGSVR EALLGCASPE CYQDQAAFLG ASIGRYANRI ANSRYTFDGE TVTLSPSQGV NQLHGGPEGF DKRRWQIVNQ NDRQVLFALS SDDGDQGFPG NLGATVQYRL TDDNRISITY RATVDKPCPV NMTNHVYFNL DGEQSDVRNH KLQILADEYL PVDEGGIPHD GLKSVAGTSF DFRSAKIIAS EFLADDDQRK VKGYDHAFLL QAKGDGKKVA AHVWSADEKL QLKVYTTAPA LQFYSGNFLG GTPSRGTEPY ADWQGLALES EFLPDSPNHP EWPQPDCFLR PGEEYSSLTE YQFIAE
Source	E.coli
Target Names	galM
Protein Names	Recommended name: Aldose 1-epimerase EC= 5.1.3.3 Alternative name(s): Galactose mutarotase Type-1 mutarotase
Expression Region	1-346
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.