



Recombinant Lactaldehyde reductase (fucO)

Product Code	CSB-EP364373EOD-B
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.	P0A9S2
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	MANRMILNET AWFGRGAVGA LTDEVKRRGY QKALIVTDKT LVQCGVVAKV TDKMDAAGLA WAIYDGVVNP PTITVVKEGL GVFQNSGADY LIAIGGGSPQ DTCKAIGIIS NNPEFADVRS LEGLSPTNKP SVPILAIPTT AGTAAEVTIN YVITDEEKRR KFVCVDPHDI PQVAFIDADM MDGMPPALKA ATGVDALTHA IEGYITRGAW ALTDALHIKA IEIAGALRG SVAGDKDAGE EMALGQYVAG MGFSNVGLGL VHGMHAHPLGA FYNTPHGVAN AILLPHVMRY NADFTGEKYR DIARVMGVKV EGMSLEEARN AAVEAVFALN RDVGIPPHLR DVGVRKEDIP ALAQAALDDV CTGGNPREAT LEDIVELYHT AW
Source	E.coli
Target Names	fucO
Protein Names	Recommended name: Lactaldehyde reductase EC= 1.1.1.77 Alternative name(s): Propanediol oxidoreductase
Expression Region	1-382
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.