



Recombinant Lachancea kluyveri Dihydroorotate dehydrogenase (fumarate) (URA1)

Product Code	CSB-EP773607LMA-B
Abbreviation	URA1
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.	Q7Z892
Product Type	Recombinant Protein
Immunogen Species	Lachancea kluyveri (strain ATCC 58438 / CBS 3082 / CCRC 21498 / NBRC 1685 / JCM 7257 / NCYC 543 / NRRL Y-12651) (Yeast) (Saccharomyces kluyveri)
Purity	>85% (SDS-PAGE)
Sequence	MSASLAINFL NHTYENPFMN ASGVHCMSTK ELDELKDSRA GAFITKSSTT SKREGNPEPR YFSVPLGSIN SMGLPNEGFD YYLKYALEYQ KNGSTSTPLF FSVAGMSVEE NLKMLQKIQD SDFNGITELN LSCPVPKGP QVAYDFELTK EILTKVFEFF KKPLGVKLP YDFAHFDIM AGILNQLPLS YVNCINSIGN GLYINVETES VVVKPKNGFG GIGGEYVKPT ALANVRAFYT RLNPTIKIIG TGGIKTGQDA FEHLLCGATM LQVGTELYKE GVSIFDRLER ELKELMDKKG YTSIEQFRGK LNSL
Source	E.coli
Target Names	URA1
Protein Names	Recommended name: Dihydroorotate dehydrogenase (fumarate) Short name= DHOD Short name= DHODase Short name= DHodehase EC= 1.3.98.1 Alternative name(s): Dihydroorotate oxidase
Expression Region	1-314
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.