



Recombinant *Kluyveromyces lactis* Dihydroorotate dehydrogenase (fumarate) (URA1)

Product Code	CSB-YP800231KBK
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.	Q7Z895
Product Type	Recombinant Protein
Immunogen Species	<i>Kluyveromyces lactis</i> (strain ATCC 8585 / CBS 2359 / DSM 70799 / NBRC 1267 / NRRL Y-1140 / WM37) (Yeast) (<i>Candida sphaerica</i>)
Purity	>85% (SDS-PAGE)
Sequence	MKPSLQVEFC GHIYENPLMN ASGVCCMTTN ELDDMARSSS GAFITKSATS MERDGNPEPR YVSVPLGSIN SMGLPNKGID YYLDYVLDLDRQ DRFPSENPPF MSVAGMSIDE NIKLLHRIQD SNFRGITELN LSCPNVPGKP QVAYDFELTD QILSSVFEFF TKPLGVKLPP YDFAHFDAM ACILNKYPIA YVNCINSVGN GLYIDVEKES VVIKPKDGF GIGGEYIKPT ALANVRAFYN RLNGRIRIIG TGGIKTGQDA FEHLLCGATM LQIGTELQNE GTEIFERINA ELLQILEQKG YQSIEDFRGK LRSIS
Source	Yeast
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	1-315
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.