



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

<b>Product Code</b>	CSB-EP800231KBK
<b>Abbreviation</b>	URA1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q7Z895
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Kluyveromyces lactis</i> (strain ATCC 8585 / CBS 2359 / DSM 70799 / NBRC 1267 / NRRL Y-1140 / WM37) (Yeast) ( <i>Candida sphaerica</i> )
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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
<b>Source</b>	E.coli
<b>Target Names</b>	URA1
<b>Protein Names</b>	Recommended name: Dihydroorotate dehydrogenase (fumarate) Short name= DHOD Short name= DHODase Short name= DHODEHASE EC= 1.3.98.1 Alternative name(s): Dihydroorotate oxidase
<b>Expression Region</b>	1-315
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.