



Recombinant *Ashbya gossypii* Orotidine 5'-phosphate decarboxylase (URA3)

Product Code	CSB-EP748371DOT
Abbreviation	URA3
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.	Q757S1
Product Type	Recombinant Protein
Immunogen Species	<i>Ashbya gossypii</i> (strain ATCC 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (<i>Eremothecium gossypii</i>)
Purity	>85% (SDS-PAGE)
Sequence	MSTKSYAERA KAHNSPVARK LLALMHEKKT NLCASLDVRT SRKLLELADT LGPHICLLKT HVDILTDFDI ETTVKPLQQL AAKHNFMIFF DRKFADIGNT VKLQYSSGVY RIAEWADITN AHGVTGPGVI AGLKEAAKLA SQEPRGLLML AELSSQGS LA RGDYTAGVVE MAKLDKDFVI GFIAQRDMGG RADGFDWLIM TPGVGLDDKG DGLGQQYRTV DEVVSDGTDV IIVGRGLFDK GRDPNVEGAR YRKAGWEAYL RRIGETS
Source	E.coli
Target Names	URA3
Protein Names	Recommended name: Orotidine 5'-phosphate decarboxylase EC= 4.1.1.23 Alternative name(s): OMP decarboxylase Short name= OMPDCase Short name= OMPdecase Uridine 5'-monophosphate synthase Short name= UMP synthase
Expression Region	1-267
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.