



Recombinant *Saccharomyces cerevisiae* Biotin synthase, mitochondrial (BIO2)

Product Code	CSB-YP330166SVG
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.	P32451
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	≥85% (SDS-PAGE)
Sequence	TKYA TNAAVKSTTA SSEASTLGAL QYALSLDEPS HSWTKSQLKE IYHTPLLELT HAAQLQHRKW HDPTKVQLCT LMNIKSGGCS EDCKYCAQSS RNDTGLKAEK MVKVDEVIKE AEEAKRNGST RFCLGAAWRD MKGRKSAMKR IQEMVTKVND MGLETCVTLG MVDQDQAKQL KDAGLTAYNH NIDTSREHYS KVITTRTYDD RLQTIKNVQE SGIACTGGI LGLGESEDDH IGFYITLSNM SPHPESLPIN RLVAIKGTPM AEELADPKSK KLQFDEILRT IATARIVMPK AIIRLAAGRY TMKETEQFVC FMAGCNSIFT GKKMLTTMCN GWDEDKAMLA KWGLQPM EAF KYDRS
Source	Yeast
Target Names	BIO2
Protein Names	Recommended name: Biotin synthase, mitochondrial EC= 2.8.1.6
Expression Region	17-375
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 of Mature 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.