



Recombinant *Saccharomyces cerevisiae* Flavoheмоprotein (YHB1)

Product Code	CSB-YP340136SVG
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.	P39676
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MLAEKTRSII KATVPVLEQQ GTVITRTFYK NMLTEHTELL NIFNRTNQKV GAQPNALATT VLAAAKNIDD LSVLMDHVKQ IGHKHRALQI KPEHYPIVGE YLLKAIKEVL GDAATPEIIN AWGEAYQAIA DIFITVEKKM YEEALWPGWK PFDITAKEYV ASDIVEFTVK PKFGSGIELE SLPITPGQYI TVNTHPIRQE NQYDALRHYS LCSASTKNGL RFAVKMEAR ENFPAGLVSE YLHKDAKVGVD EIKLSAPAGD FAINKELIHQ NEVPLVLLSS GVGVTPLLAM LEEQVKCNPN RPIYWIQSSY DEKTQAFKKH VDELLAECAN VDKIIVHTDT EPLINAAFLK EKSPAHADVY TCGSLAFMQA MIGHLKELEH RDDMIHYEPF GPKMSTVQV
Source	Yeast
Target Names	YHB1
Protein Names	Recommended name: Flavoheмоprotein EC= 1.14.12.17 Alternative name(s): Flavoheмоglobin Hemoglobin-like protein Nitric oxide dioxygenase Short name= NO oxygenase Short name= NOD
Expression Region	1-399
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.