



Recombinant *Schizosaccharomyces pombe* Protoporphyrinogen oxidase (hem14)

Product Code	CSB-YP018502SXV
Abbreviation	hem14
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.	Q10062
Product Type	Recombinant Protein
Immunogen Species	<i>Schizosaccharomyces pombe</i> (strain 972 / ATCC 24843) (Fission yeast)
Purity	>85% (SDS-PAGE)
Sequence	MSIAICGGGI AGLSTAFYLA RLIPKCTIDL YEKGPRLLGGW LQSVKIPCAD SPTGTVLFEQ GPRTL RPAGV AGLANLDLIS KLGIEDKLLR ISSNSPSAKN RYIYYPDRLN EIPSSILGSI KSIMQPALRP MPLAMMLEPF RKSKRDSTDE SVGSFMRRRF GKNVTDRVMS AMINGIYAGD LNDLSMHSSM FGFLAKIEKK YGNITLGLIR ALLAREILSP AEKALKAALL AEPKTAELSN SMKSTSMFAF KEGIETITLS IADELKKMPN VKIHLNPKPAK TLVPHKTQSL VDVNGQAYEY VVFANSSRNL ENLISCPKME TPTSSVYVVN VYYKDPNVLP IRGFGLLIPS CTPNPNHVL GIVFDSEQNN PENGSKVTVM MGG SAYTKNT SLIPTNPEEA VNNALKALQH TLKISSKPTL TNATLQQNCI PQYRVGHQDN LNSLKSWIEK NMGGRILLTG SWYNGVVSIGD CIMNGHSTAR KLASLMNSSS
Source	Yeast
Target Names	hem14
Protein Names	Recommended name: Protoporphyrinogen oxidase Short name= PPO EC= 1.3.3.4
Expression Region	1-490
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.