



Recombinant *Saccharomyces cerevisiae* Mitochondrial peroxiredoxin PRX1 (PRX1)

Product Code	CSB-YP335907SVG
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.	P34227
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MFSRICAQL KRTAWTLPKQ AHLQSQTIKT FATAPILCKQ FKQSDQPRLR INSDAPNFDA DTTVGKINFY DYLGDSWGV LFSHPADFTPV CTTEVSAFAK LKPEFDKRVN KLIGLSVEDV ESHEKWIQDI KEIAKVKNVG FPIIGDTRN VAFLYDMVDA EGFKNINDGS LKTVRSV FVI DPKKKIRLIF TYPSTVGRNT SEVLRVIDAL QLTDKEGVVT PINWQPADDV IIPPSVSNDE AKAKFGQFNE IKPYLRFTKS K
Source	Yeast
Target Names	PRX1
Protein Names	Recommended name: Mitochondrial peroxiredoxin PRX1 EC= 1.11.1.15 Alternative name(s): 1-Cys PRX Mitochondrial thiol peroxidase Short name= mTPx Thioredoxin reductase
Expression Region	1-261
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.