



Recombinant *Saccharomyces cerevisiae* Cysteine proteinase 1, mitochondrial (LAP3)

Product Code	CSB-BP514918SVL
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.	C7GPC1
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain JAY291) (Baker's yeast)
Purity	≥85% (SDS-PAGE)
Sequence	SSSIDISKIN SWNKEFQSDL THQLATTVLK NYNADDALLN KTRLQKQDNR VFNTVVSTDS TPVTNQQKSSG RCWLFAATNQ LRLNVLSELN LKEFELSQAY LFFYDKLEKA NYFLDQIVSS ADQDIDSRLV QYLLAAPTED GGQYSMFLNL VKKYGLIPKD LYGDLPYSTT ASRKWNSLLT TKLREFAETL RTALKERSAD DSIIVTLREQ MQREIFRLMS LFMDIPPVQP NEQFTWEYVD KDKKIHTIKS TPLEFASKYA KLDPSTPVSL INDRHPYVK LKIDRLGNV LGGDAVIYLN VDNETLSKLV VKRLQNNKAV FFGSHTPKFM DKTTGVMDIE LWNYPAGYN LRQQKASRIR YHESLMTHAM LITGCHVDET SKLPLRYRVE NSWGKDSGKD GLYVMTQKYF EEYCFQIVVD INELPKELAS KFTSGKEEPV VLPWDPMGA LA
Source	Baculovirus
Target Names	LAP3
Protein Names	Recommended name: Cysteine proteinase 1, mitochondrial EC= 3.4.22.40 Alternative name(s): Bleomycin hydrolase Short name= BLM hydrolase Homocysteine-thiolactonase Short name= HTLase Short name= Hcy- thiolactonase
Expression Region	31-482
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.