



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

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| Product Code | CSB-EP453395SVP |
| 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. | B3LP78 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Saccharomyces cerevisiae</i> (strain RM11-1a) (Baker's yeast) |
| Purity | >85% (SDS-PAGE) |
| Sequence | SSSIDISKIN SWNKEFQSDL THQLATTVLK NYNADDALLN KTRLQKQDNR VFNTVVSTDS TPVTNQKSSG RCWLFAATNQ LRLNVLSELN LKEFELSQAY LFFYDKLEKA NYFLDQIVSS ADQDIDSRLV QYLLAPTED GGQYSMFLNL VKKYGLIPKD LYGDLPYSTT ASRKWNSLLT TKLREFAETL RTALKERSAD DSIIVTLREQ MQREIFRLMS LFMDIPPVQP NEQFTWEYVD KDKKIHTIKS TPLEFASKYA KLDPSTPVSL INDPRHPY GK LIKIDRLGNV LGGDAVIYLN VDNETLSKLV VKRLQNNKAV FFGSHTPKFM DKKTGVMDIE LWNYPAYGYN LPQQKASRIR YHESLMTHAM LITGCHVDET SKLPLRYRVE NSWGKDSGKD GLYVMTQKYF EEYCFQIVVD INELPKELAS KFTSGKEEP I VLPIWDPMGA LA |
| Source | E.coli |
| 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.