



Recombinant *Saccharomyces cerevisiae* Vacuolar aminopeptidase 1 (LAP4)

Product Code	CSB-EP318613SVG
Storage	The shelf life of liquid-form form is 6 months around at -20°C/-80°C. The shelf life of lyophilized form is 12 months around at -20°C/-80°C.
Uniprot No.	P14904
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	EHNYE DIAQEFIDFI YKNPTTYHVV SFFAELLDKH NFKYLSEKSN WQDSIGEDGG KFYTIRNGTN LSAFILGKNW RAEKGVGVIG SHVDALTVKL KPVSFKDTAE GYGRIAVAPY GGTLNELWLD RDLGIGGRLL YKKKGTNEIK SALVDSTPLP VCRISLAPH FGKPAEGPFD KEDQTIPVIG FPTPDEEGNE PPTDDEKKSP LFGKHCIHLL RYVAKLAGVE VSELIQMDLD LFDVQKGTIG GIGKHFLFAP RLDDRLCSFA AMIALICYAK DVNTEESDLF STVTLYDNEE IGSLTRQGAK GGLLESVVER SSSAFTKKPV DLHTVWANSI ILSADVNHLV NPNFPEVYLK NHFPVNVGI TLSLDPNGHM ATDVVGTALV EELARRNGDK VQYFQIKNNS RSGGTIGPSL ASQTGARTID LGIAQLSMHS IRAATGSKDV GLGVKFFNGF FKHWRSVYDE FGEL
Source	E.coli
Target Names	APE1
Protein Names	Recommended name: Vacuolar aminopeptidase 1 EC= 3.4.11.22 Alternative name(s): Aminopeptidase III Aminopeptidase yscl Leucine aminopeptidase IV Short name= LAPIV Polypeptidase Vacuolar aminopeptidase I
Expression Region	46-514
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.