



Recombinant *Lachancea thermotolerans* Flap endonuclease 1 (FEN1)

Product Code	CSB-EP008585LMB-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	C5DGG4
Product Type	Recombinant Protein
Immunogen Species	<i>Lachancea thermotolerans</i> (strain ATCC 56472 / CBS 6340 / NRRL Y-8284) (Yeast) (<i>Kluyveromyces thermotolerans</i>)
Purity	>85% (SDS-PAGE)
Sequence	<p> MGIKGLNAII SEHVPSAVRK SEIKNFFGRK VAIDASMSLY QFLIAVRQQD GVQLASESGE TTSHLMGIFY RTLRMIDNGI KPCYVFDGKP PVLKSHELK RSARRATTEE KLKEAVEEAE KLKHERRLVK VTPEHNEEAK KLLRLMGLPY VEAPCEAEAQ CAELAKAGKV YAAASEDMDT LCYRTPFLLR HLTFFSEAKKE PIHEINTEIL LQGLELSIEQ FIDLGIMLGC DYCD SIRGVG PVTALKLIKE HKTLENIVEY IESGQANNKW KVPENWPFKE ARQLFLDPDV VKGSEVDLKW SEPQEQELVD FMCKEKG FNE ERIRSGIKRL QKGLKTGVQG RLDGFFKVKP KNKEQLAAAN AKAKSTKAGK QATKKGKVGKP GRPRK </p>
Source	<i>E.coli</i>
Target Names	FEN1
Protein Names	Recommended name: Flap endonuclease 1 Short name= FEN-1 EC= 3.1.-.- Alternative name(s): Flap structure-specific endonuclease 1
Expression Region	1-385
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.