



Recombinant *Vanderwaltozyma polyspora* Flap endonuclease 1 (FEN1)

Product Code	CSB-EP008585VDW-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A7TJ59
Product Type	Recombinant Protein
Immunogen Species	Vanderwaltozyma polyspora (strain ATCC 22028 / DSM 70294) (<i>Kluyveromyces polysporus</i>)
Purity	>85% (SDS-PAGE)
Sequence	<p> MGIKGLNAII SEHVPSAVRK SDIKTFFGRK VAIDASMSLY QFLIAVRQQD GGQLTNEAGE TTSHLMGMFY RTLRMIDNGI KPCYVFDGKP PVLKSHELSK RTARREETEK KLQEATDQAE KMKQERRLVK VSKEHNDEAK QLLELMGIPY ITAPCEAESQ CAELAKCGKV YAAASEDMDT LCYRTPYLLR HLTFFSEAKKE PIHEIDTELV LKGLDLTLEQ FVDLGIMLGC DYCDSEIKGVD PVTALKLIKE YGSLEKIIIEY IESDSSNSKW KIPNDWPYKD ARELFLKPDV INGNEVELKW QPPNEKGLID FLCGEKKFSE ERVKSGLIERL KKGLKSGVQG RLDGFFQVVP KTKEQLAKAA AKAKAAKSG KVTKKRR </p>
Source	E.coli
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	1-377
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.