



Recombinant *Saccharomyces cerevisiae* Flap endonuclease 1 (RAD27)

Product Code	CSB-EP008585SVG-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P26793
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	<p> MGIKGLNAII SEHVPSAIRK SDIKSFFGRK VAIDASMSLY QFLIAVRQQD GGQLTNEAGE TTSHLMGMFY RTLRMIDNGI KPCYVFDGKP PDLKSHELTK RSSRRVETEK KLAEATTELE KMKQERRLVK VSKEHNEEAQ KLLGLMGIPY IAPTEAEAQ CAELAKKGKV YAAASEDMDT LCYRTPFLLR HLTFFSEAKKE PIHEIDTELV LRGLDLTIEQ FVDLCIMLGC DYCESIRGVG PVTALKLIKT HGSIEKIVEF IESGESNNTK WKIPEDWPYK QARMLFLDPE VIDGNEINLK WSPPKKELI EYLCDDKKFS EERVKSGISR LKKGLKSGIQ GRLDGFFQVV PKTKEQLAAA AKRAQENKKL NKNKNKVTKG RR </p>
Source	E.coli
Target Names	RAD27
Protein Names	<p>Recommended name: Flap endonuclease 1 Short name= FEN-1 EC= 3.1.-.-</p> <p>Alternative name(s): Flap structure-specific endonuclease 1 RAD2 homolog nuclease 1 Short name= RTH1 nuclease Structure-specific endonuclease RAD27</p>
Expression Region	1-382
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	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>