



# Recombinant *Saccharomyces cerevisiae* Flap endonuclease 1 (RAD27)

<b>Product Code</b>	CSB-EP008585SVG
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P26793
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<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>
<b>Source</b>	E.coli
<b>Target Names</b>	RAD27
<b>Protein Names</b>	<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>
<b>Expression Region</b>	1-382
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	<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>