



Recombinant *Saccharomyces cerevisiae* DNA repair protein RAD51 (RAD51)

Product Code	CSB-MP333076SVG
Storage	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.
Uniprot No.	P25454
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	≥85% (SDS-PAGE)
Sequence	MSQVQEQHIS ESQ LQYGNGS LMSTVPADLS QSVVDGNGNG SSEDIEATNG SGDGGGLQEQ AEAQGEMEDE AYDEAALGSF VPIEKLQVNG ITMADVKKLR ESGLHTAEAV AYAPRKDLLE IKGISEAKAD KLLNEAARLV PMGFVTAADF HMRRSELICL TTGSKNLDL LGGGVETGSI TELFGEFRTG KSQLCHTLAV TCQIPLDIGG GEGKCLYIDT EGTFRPVRLV SIAQRFGLDP DDALNNVAYA RAYNADHQLR LLDAAAQMMS ESRFSLIVVD SVMALYRTDF SGRGELSARQ MHLAKFMRAL QRLADQFGVA VVVTNQVVAQ VDGGMAFNPDKPKPIGGNIM AHSSTTRLGF KKGKGCQRLC KVVDSPLPE AECVFAIYED GVGDPREDE
Source	Mammalian cell
Target Names	RAD51
Protein Names	Recommended name: DNA repair protein RAD51
Expression Region	1-400
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.