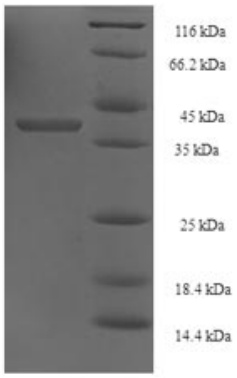
Recombinant Saccharomyces cerevisiae DNA repair and recombination protein RAD52 (RAD52), partial

Product Code	CSB-EP361943SVG
Relevance	Involved in DNA double-strand break (DSB) repair and recombination. Promotes the annealing of complentary single-stranded DNA and by stimulation of the RAD51 recombinase.
Abbreviation	Recombinant Saccharomyces cerevisiae RAD52 protein, partial
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.	P06778
Product Type	Recombinant Protein
Immunogen Species	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	IFGYNGWSTEVKSVVIDFLDERQGKFSIGCTAIVRVTLTSGTYREDIGYGTVEN ERRKPAAFERAKKSAVTDALKRSLRGFGNALGNCLYDKDFLAKIDKVKFDPPD FDENNLFRPTDEISESSRTNTLHENQEQQQYPNKRRQLTKVTNTNPDSTKNLV KIENTVSRGTPMMAAPAEANSKNSSNKDTDLKSLDASKQDQDDLLDDSLMFS DDFQDDDLINM
Research Area	Others
Source	E.coli
Target Names	RAD52
Expression Region	60-282aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	41.1kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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

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