



Recombinant Zea mays DNA repair protein RAD51 homolog B (RAD51B)

Product Code	CSB-EP894963ZAX-B
Abbreviation	RAD51B
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.	Q9XED7
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	>85% (SDS-PAGE)
Sequence	MSSSSAHQKA SPPIEEEATE HGPFPPIEQLQ ASGIAALDVK KLKDAGLCTV ESVAYSPRKD LLQIKGISEA KVDKIIIEAAS KLVPLGFTSA SQLHAQRLEI IQLTTGSREL DQILDGGIET GSITEMYGEF RSGKTQLCHT LCVTCQLPLD QGGGEGKALY IDAEGTFRPQ RILQIADRFGLNGADVLENV AYARAYNTDH QSRLLEAAS MMVETRFALM VVDSATALYR TDFSGRGELS ARQMHLAKFL RSLQKLADEF GVAVVITNQV VAQVDGAAMF AGPQIKPIGG NIMAHASTTR LFLRKGRGEE RICKVISSPC LAEAEARFQI SSEGVTDVKD
Source	E.coli
Target Names	RAD51B
Protein Names	Recommended name: DNA repair protein RAD51 homolog B Alternative name(s): Rad51-like protein B Short name= RAD51B ZmRAD51b
Expression Region	1-340
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.