



Recombinant Arabidopsis thaliana DNA repair protein recA homolog 1, chloroplastic (RECA)

Product Code	CSB-EP657883DOA
Abbreviation	RECA
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.	Q39199
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	AKKLSHKI SSEFDDRING ALSPDADSRF LDRQKALEAA MNDINSSFGK GSVTRLGSAG GALVETFSSG ILTLDLALGG GLPKGRVVEI YGPESGKTT LALHAIAEVQ KLGGNAMLVD AEHAFDPAYS KALGVDVENL IVCQPDNGEM ALETADRMCR SGAVDLICVD SVSALTPRAE IEGEIGMQQM GLQARLMSQA LRKMSGNASK AGCTLIFLNQ IRYKIGVYYG NPEVTSGGIA LKFFASVRLE IRSAGKIKSS KGDEDIGLRA RVRVQKSKVS RPYKQAEFEI MFGEGVSKLG CVLDCAEIME VVVKKGSWYS YEDQRLGQGR EKALQHLREN PALQDEIEKK VRLMLDGEV HRSTPLMSSS SSSASHREEE EEDSLDDFQ
Source	E.coli
Target Names	RECA
Protein Names	Recommended name: DNA repair protein recA homolog 1, chloroplastic Alternative name(s): Recombinase A homolog 1
Expression Region	53-439
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 of Mature 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.