



Recombinant Rhodobacter sphaeroides Type-2 restriction enzyme RsrI (rsrIR)

Product Code	CSB-YP322021RLE
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.	P21763
Product Type	Recombinant Protein
Immunogen Species	Rhodobacter sphaeroides (Rhodopseudomonas sphaeroides)
Purity	≥85% (SDS-PAGE)
Sequence	AGEVEFKGK GQALRLGIQQ ELGGGPLSIF GAAAQKHDLS IREVTAGVLT KLAEDFPNLE FQLRTSLTKK AINEKLRSD PRLGQALFVE SASIRPDGGI TEVKDRHGNW RVILVGESKH QGNDVEKILA GVLQGGKAKDQ DFMAAGNAIE RMHKNVLELR NYMLDEKHFP YVFLQGSNF ATESFEVTRP DGRVVKIVHD SGMLNRIDRV TASSLSREIN QNYCENIVVR AGSFDHMFQI ASLYCKAAPW TAGEMAEAML AVAKTSLRII ADDLDQN
Source	Yeast
Target Names	rsrIR
Protein Names	Recommended name: Type-2 restriction enzyme RsrI Short name= R.RsrI EC= 3.1.21.4 Alternative name(s): Endonuclease RsrI Type II restriction enzyme RsrI
Expression Region	2-277
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.