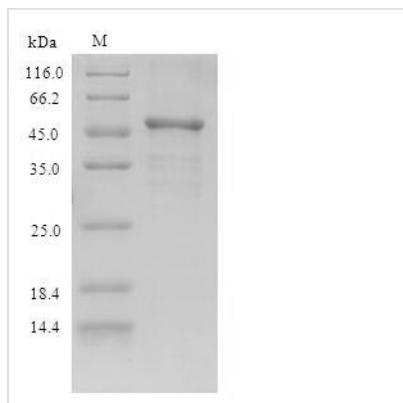




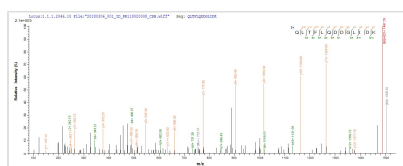
Recombinant Rhodobacter sphaeroides

Modification methylase RsrI (rsrIM)

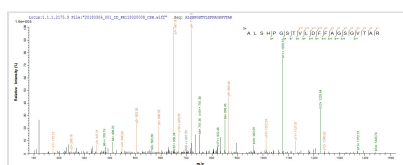
Product Code	CSB-EP318583RLE
Relevance	This methylase recognizes the double-stranded sequence GAATTC, causes specific methylation on A-? on both strands, and protects the DNA from cleavage by the RsrI endonuclease.
Abbreviation	Recombinant Rhodobacter sphaeroides rsrIM protein
Storage	The shelf life 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.	P14751
Alias	Adenine-specific methyltransferase RsrI
Product Type	Recombinant Protein
Immunogen Species	Rhodobacter sphaeroides (Rhodopseudomonas sphaeroides)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MANRSHHNAGHRAMNALRKSGQKHSSSQLGSSEIGTTTRHVYDVCDCLDTL AKLPDDSVQLICDPPYNIMLADWDDHMDYIGWAKRWLAEAERVLSPGTSIAIF GGLQYQGEAGSGDLISIISHMRQNSKMILLANLIWNYPNGMSAQRFFANRHEEI AWFAKTKKYFFDLDAVREPYDEETKAAYMKDKRLNPESVEKGRNPTNVWRM SRLNGNSLERVGHPTQKPAAVIERLVRLSHPGSTVLDFFAGSGVTARVAIQE GRNSICTDAAPVFKEYYQKQLTFLQDDGLIDKARSYEIVEGAANFGAALQRGD VAS
Research Area	Others
Source	E.coli
Target Names	rsrIM
Expression Region	1-319aa
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	51.7kDa
Protein Length	Full Length
Image	



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



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP318583RLE could indicate that this peptide derived from E.coli-expressed Rhodobacter sphaeroides (Rhodopseudomonas sphaeroides) rsrIM.



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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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