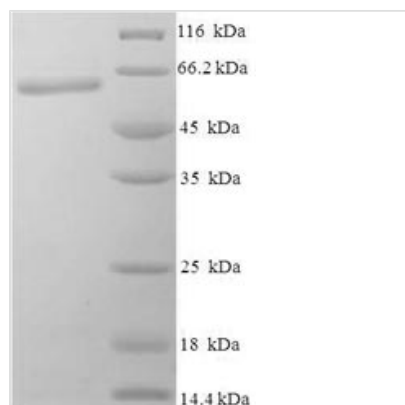




Recombinant Bacillus subtilis Modification methylase BglII (bglIIM)

Product Code	CSB-EP670450BRI
Relevance	This methylase recognizes the double-stranded sequence AGATCT, causes specific methylation on C-5 on both strands, and protects the DNA from cleavage by the BglII endonuclease.
Abbreviation	Recombinant Bacillus subtilis bglIIM 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.	Q45489
Alias	N(4)- cytosine-specific methyltransferase BglII
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MSEDQYKQIKLHLGMEDDNEDLPNHIPSSFPKQHLNKIYNGDTMNMLLDIPDN SVDLVVTSPYPYNINKFKNDRRPLEEYLKWQTEIEQCHRVLKPSGSIFWQVGTY VNDSGAHIPLDIRFFPIFESLGMFPRNRIVWVRPHGLHANKKFAGRHETILWFT KTPEYKFFLDPIRVPQKYANKKKHYKGDKKGELSGDPLGKNPGDVWAFRNVRH NHEEDTIHPTQYPEDMIERIVLSTTEPNDIVLDPFIGMGTTASVAKNLNRYFYGA EIEKEYVDIAYQILSGEPDENNNFPNLKTLRQYCEKNGIIDPSQYTFTRQRKGSK PSLDSKAHPPEHHKKEIVERIEFEAENSVYKKVQNEQ
Research Area	Others
Source	E.coli
Target Names	bglIIM
Expression Region	1-360aa
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	58.0kDa
Protein Length	Full Length
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

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.