# Recombinant Bacillus Subtilis BGLIIM Protein (1-360 aa), His-SUMO-tagged

**Cat. No.** BGLIIM-1024B **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Bacillus Subtilis BGLIIM Protein (1-360 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length. |
| **Species** | Bacillus Subtilis |
| **Source** | E.coli |
| **ProteinLength** | 1-360 aa |
| **Description** | 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. |
| **Form** | Tris-based buffer, 50% glycerol |
| **Molecular Mass** | 58.0 kDa |
| **AA Sequence** | MSEDQYKQIKLHLGMEDDNEDLPNHIPSSFPKQHLNKIYNGDTMNMLLDIPDNSVDL VVTSPPYNINKFKNDRRPLEEYLKWQTEIIEQCHRVLKPSGSIFWQVGTYVNDSGAHI PLDIRFFPIFESLGMFPRNRIVWVRPHGLHANKKFAGRHETILWFTKTPEYKFFLDPIR VPQKYANKKHYKGDKKGELSGDPLGKNPGDVWAFRNVRHNHEEDTIHPTQYPEDM IERIVLSTTEPNDIVLDPFIGMGTTASVAKNLNRYFYGAEIEKEYVDIAYQILSGEPDEN NNFPNLKTLRQYCEKNGIIDPSQYTFTRQRKGSKPSLDSKAHPEEHHKKEIVERIEFE |

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| | AENSVYKKVQNEQ |
| **Purity** | > 90% as determined by SDS-PAGE. |
| **Notes** | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week. |
| **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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
| **Concentration** | A hardcopy of COA with concentration instruction is sent along with the products. |

## GENE INFORMATION

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| **UniProt ID** | Q45489 |

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