



# Recombinant Type-2 restriction enzyme Maml (mamIR)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-EP344635MFS-B   |
| <b>Storage</b>           | 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.   |
| <b>Uniprot No.</b>       | P50189  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Microbacterium ammoniaphilum  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | MQNAVSQAIS QGIHVRREIL GSLTYEQRVF LLEDLFVDLF GHQHVMLQRW AALTGQSAQV DTGYIAQFVA SIVLGEPGQG FRGKGDDLAD GSEVKSAANI SGVDRPRWNH NLGSLDDDEH RRSRGLPTAG EEYLGVPYMF YLLVDRPHGV SDPAPIRIRA WCIDAQEDGD WRDLFETFLT SRRGRTYNFQ LHPPVGYDDD VVNTLGNLD FSNVLVFDAR LSLADDRPE IDWHVPLPTQ VIPVTGRTRA LRYGGRGARP TRLTNTADIV LGTNDLGALF PGVLAPRDSY DLATVSEIET EAEVEEYS  |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | mamIR   |
| <b>Protein Names</b>     | Recommended name: Type-2 restriction enzyme Maml Short name= R.Maml EC= 3.1.21.4 Alternative name(s): Endonuclease Maml Type II restriction enzyme Maml   |
| <b>Expression Region</b> | 1-308   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | full length protein   |
| <b>Reconstitution</b>    | 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. |
| <b>Shelf Life</b>        | 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.   |