



Recombinant Type I restriction enzyme EcoEI M protein (hsdM)

Product Code	CSB-MP675096ENL
Abbreviation	hsdM
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.	Q47282
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli
Purity	>85% (SDS-PAGE)
Sequence	MSISSVIKSL QDIMRKDAGV DGDAQRLGQL SWLLFLKIFD TQEEEELELEQ DDYQFPIPQR YLWRSWAANS EGITGDALLE FVNDDLFP TL KNL TAPIDKN PRGFVVKQAF SDAYNYMKNG TLLRQVINKL NEIDFSSSQE RHLFGDIYEQ ILRDLQSAGN AGEFYTPRAV TRFMVNRIDP KLGESIMDPA CGTGGFLACA FDHVKDNYVK TTEDHKTLQQ QIYGVEKKQL PHLLCTTNML LHGIEVPVQI RHDNTLNKPL SSWDEQVDVI VTNPPFGGTE EDGIEKNFPA EMQTRETADL FLQLIEVLA DKGRAAVVLP DGTLFGEVVK TKIKKLLTEE CNLHTIVRLP NGVFNPYTGI KTNILFFTKG QPTKEVWFYE HPYPDGVKNY SKTKPMKFEE FQAEIDWWGN EADDFASREE NNQAWKVGID DIIARNFNLD IKNPYQGETI SHDPDELLAQ YQTQQAIEIGE LRNQLRDILG AALAGNKGAN
Source	Mammalian cell
Target Names	hsdM
Protein Names	Recommended name: Type I restriction enzyme EcoEI M protein Short name= M.EcoEI EC= 2.1.1.72
Expression Region	1-490
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 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.