



# Recombinant Escherichia coli Type I restriction enzyme EcoKI M protein (hsdM)

<b>Product Code</b>	CSB-BP357535ENV
<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>	P08957
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MNNNDLVAKL WKLCDNLRDG GVSYQNYVNE LASLLFLKMC KETGQAEAYL PEGYRWDDLK SRIGQEQLQF YRKMLVHLGE DDKKLVQAVF HNVSTTITEP KQITALVSNM DSLDWYNGAH GKSRRDFGDM YEGLLQKNAN ETKSGAGQYF TPRPLIKTII HLLKPQPREV VQDPAAGTAG FLIEADRYVK SQTNDLDDLD GDTQDFQIHR AFIGLELVPG TRRLALMNCL LHDIEGNLDH GGAIRLGNTL GSDGENLPKA HIVATNPPFG SAAGTNITRT FVHPTSNIKQL CFMQHIIETL HPGGRAAVVV PDNVLFEGGK GTDIRRDLMD KCHLHTILRL PTGIFYAQGV KTNVLFFTKG TVANPNQDKN CTDDVWVYDL RTNMPSFGKR TPFTDEHLQP FERVYGEDPH GLSPRTEGEW SFNAEETEVA DSEENKNTDQ HLATSRWRKF SREWIRAKS DSLDISWLKD KDSIDADSLP EPDVLAAEAM GELVQALSEL DALMRELGAS DEADLQRQLL EEAFFGGVKE
<b>Source</b>	Baculovirus
<b>Target Names</b>	hsdM
<b>Protein Names</b>	Recommended name: Type I restriction enzyme EcoKI M protein Short name= M.EcoKI EC= 2.1.1.72
<b>Expression Region</b>	1-529
<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.