



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

Product Code	CSB-EP357535ENV-B
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.	P08957
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MNNNDLVAKL WKLCDNLRDG GVSYQNYVNE LASLLFLKMC KETGQAEAYL PEGYRWDDLK SRIGQEQLQF YRKMLVHLGE DDKKLVQAVF HNVSTTITEP KQITALVSNM DSLDWYNGAH GKSRDDFGDM 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
Source	E.coli
Target Names	hsdM
Protein Names	Recommended name: Type I restriction enzyme EcoKI M protein Short name= M.EcoKI EC= 2.1.1.72
Expression Region	1-529
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.