



Recombinant Type-1 restriction enzyme EcoAI specificity protein (hsdS)

Product Code	CSB-EP323962ENL
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.	P19704
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli
Purity	>85% (SDS-PAGE)
Sequence	MSVEKLIVDH METWTSALQT RSTAGRGSSG KIDLYGIKKL RELILELAVR GKLVDPQDND EPASELLKRI AAEKAELVKQ GKIKKQKPLP EISEEEKPFE LPDGWEWTTL TRIAEINPKI DVSDDEQEIS FIPMPLISTK FDGSHEFEIK KWKDVKKGYT HFANGDIAIA KITPCFENSK AAIFSGLKNG IGVGTTELHV ARPFSDIINR KYLLLNFKSP NFLKSGESQM TGSAGQKRVP RFFFENNPIP FPPLQEQUERI IIRFTQLMSL CDQLEQQSLT SLDAHQQQLVE TLLGTLTDSQ NVEELAENWA RISEHFDTLF TTEASVDALK QTILQLAVMG KLVPQDPNDE PASELLKRIA QEKAQLVKEG KIKKQKPLPP ISDEEKPFEL PEGWEWCRLG SIYNFLNGYA FKSEWFTSVG LRLLRNANIA HGVTNWKDVV HIPNDMISDF ENYILSENDI VISLDRPIIN TGLKYAISK SDLPCLLLQR VAKFKNYANT VSNSFLTIVL QSYFFINSID PGRSNGVPHI STKQLEMTLF PLLPQSEQDR IISKMDELIQ TCNKLKYIHK TAKQTQLHLA DALTDAAIN
Source	E.coli
Target Names	hsdS
Protein Names	Recommended name: Type-1 restriction enzyme EcoAI specificity protein Short name= S.EcoAI Alternative name(s): Type I restriction enzyme EcoAI specificity protein Short name= S protein
Expression Region	1-589
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.