



Recombinant Type-2 restriction enzyme BsuBI (hsdBR)

Product Code	CSB-YP333806BRI
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.	P33562
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis
Purity	≥85% (SDS-PAGE)
Sequence	MTEGMHSNVK EAIKILKELG LPKGQQNERS ALCLLSLMNI TQDKTWSEAE SPLIGITPMM EFCRINYGKE YAPNSRETFR RFTMHQFVDA GIALYNPDKP TRPVNSPKAV YQIEAETLEL IKCYNTEEWS ELLARYLSNR QTLVERYAKE RQQNKIPVQI AEGKEIYITP GEHSELIKAI IEEFAPRYVP GGRLIYAGDT GEKMGYFDEE LLRQLGVVID SHGKMPDVVI YFPEKKWLLL IESVTSHGPV DHKRHEELAK LFNGSTAGIV YVTAFPNRSL MARYLNNISW ETEVWVADAP SHLIHFNGVR FLGPYE
Source	Yeast
Target Names	hsdBR
Protein Names	Recommended name: Type-2 restriction enzyme BsuBI Short name= R.BsuBI EC= 3.1.21.4 Alternative name(s): Endonuclease BsuBI Type II restriction enzyme BsuBI
Expression Region	1-316
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.