



Recombinant Autoinducer 2-binding protein IsrB (IsrB)

Product Code	CSB-EP314555SZB
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0C887
Product Type	Recombinant Protein
Immunogen Species	Shigella flexneri
Purity	>85% (SDS-PAGE)
Sequence	AERI AFIPKLVGVG FFTSGGNGAQ QAGKELSDV TYDGPTEPSV SGQVQLINNF VNQGYNAIIV SAVSPDGLCP ALKRAMQRGV RVLTWDSDTK PECRSYYINQ GTPAQLGGML VDMAARQVNK DKAKVAFFYS SPTVTDQNQW VKEAKAKIAK EHPGWEIVTT QFGYNDATKS LQTAEGILKA YSDLDAIAP DANALPAAAQ AAENLKNKDV AIVGFSTPNV MRPYVERGTV KEFGLWDVVQ QGKISVYVAD VLLKKGSMKT GDKLDIQGVG QVEVSPNSVQ GYDYEADGNG IVLLPERVIF NKENIGKYDF
Source	E.coli
Target Names	IsrB
Protein Names	Recommended name: Autoinducer 2-binding protein IsrB Short name= AI-2-binding protein IsrB
Expression Region	27-340
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 of Mature 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.