



Recombinant Escherichia coli Autoinducer 2 import ATP-binding protein LsrA (IsrA)

Product Code	CSB-EP541344ENX
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.	B1LFA2
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain SMS-3-5 / SECEC)
Purity	>85% (SDS-PAGE)
Sequence	MQTS DTRALP LLCARSVYKQ YSGVNV LKGI DFTLHQGEVH ALLGGNGAGK STLMKIIAGI TPADSGTLEI GGNNYVRLTP VHAHQ LGIYL VPQEPLLFPS LSIKENILFG LAKKQLSIQK MNLLAALGC QFDLHSLAGS LDVADRQMVE ILRGLMRDSR ILILDEPTAS LTPAETERLF IRLRELLATG VGIVFISHKL PEIRQIADRI SVMRDGTIAL SGK TSELSTD DIIQAITPAL REKSL SASQK LWLELPGNRP QHAAGTPVLT LENLTGEGFR NVSLTLNAGE ILGLAGLVGA GRTELAETLY GLRTL RGGRI MLNGKEINRL STGERLLRGL VYLPEDRQSS GLNLDASLAW NVCALTHNLR GFWAKTAKDN ATLERYRRAL NIKFNQPEQA ARTLSGGNQQ KILIAKCLEA SPQVLIVDEP TRGVDVSARN DIYQLLR SIA AQNVAVLLIS SDLEEIELMA DRVYVMHQGE IAHSALTGRD INVETIMRVA FGDSQRQEAS C
Source	E.coli
Target Names	IsrA
Protein Names	Recommended name: Autoinducer 2 import ATP-binding protein LsrA Short name= AI-2 import ATP-binding protein LsrA EC= 3.6.3.-
Expression Region	1-511
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.