



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

<b>Product Code</b>	CSB-EP841295EOD-B
<b>Abbreviation</b>	IsrA
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8XAY7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O157:H7
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MQTS DTRALP LLCARSVYKQ YSGVNV LKGI DFTLHQGEVH ALLGGNGAGK STLMKIIAGI TSADSGTLEI GGNNYARLTP VHAHQLGIYL VPQEPLLFPS LSIKENILFG LAKKQLSMQK MKNLLAALGC QFDLHSLAGS LDVADRQMVE ILRGLMRDSR ILILDEPTAS LTPAETERLF TRLQELLATG VGIVFISHKL PEIRQIADRI SVMRDGTIAL SGK TSELSTD DIIQAITPAV REKSL SASQK LWLELPGNRP QHAAGTSVLT LENLTGEGFR NVSLTLNAGE ILGLAGLVGA GRTELAETLY GLRTL RGGRI MLNDKEINRL STGERLLRGL VYLPEDRQSS GLNLDASLAW NVCALTHNLR GFWAKTAKDN ATLELYRRAL NIKYNQPEQA ARTLSGGNQQ KILIAKCLEA SPQVLIVDEP TRGVDVSARN DIYQLLR SIA AQNVA VLLIS SDLEEIELMA DRVYVMHQGE ITHSALTGRD INVETIMRVA FGDSQRQEAA C
<b>Source</b>	E.coli
<b>Target Names</b>	IsrA
<b>Protein Names</b>	Recommended name: Autoinducer 2 import ATP-binding protein LsrA Short name= AI-2 import ATP-binding protein LsrA EC= 3.6.3.-
<b>Expression Region</b>	1-511
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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