



# Recombinant Escherichia coli Autoinducer-2 kinase (IsrK)

<b>Product Code</b>	CSB-YP303534ENV
<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>	P77432
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MARLFTLSES KYIYLMALDAG TGSIRAVIFD LEGNQIAVGQ AEWRHLAVPD VPGSMEFDLN KNWQLACECM RQALHNAGIA PEYIAAVSAC SMREGIVLYN NEGAPIWACA NVDARAAREV SELKELHNNT FENEVYRATG QTLALSAIPR LLWLAHHRSD IYRQASTITM ISDWLAYMLS GELAVDPSNA GTTGLLDLTT RDWKPALLDM AGLRADILSP VKETGTLLGV VSSQAAELCG LKAGTPVVVG GGDVQLGCLG LGVVRPAQTA VLGTFWQQV VNLAAPVTDP EMNVRVNPHV IPGMVQAESI SFFTGLTMRW FRDAFCAEEK LIAERLGIDT YTLLEEMASR VPPGSWGVMP IFSDRMRFKT WYHAAPSFIN LSIDPKCNK ATLFRALEEN AAVSACNLQ QIADFSNIHP SSLVFAGGGS KGKLWSQILA DVSGLPVNIP VVKEATALGC AIAAGVGAGI FSSMAETGER LVRWERTHTP DPEKHELYQD SRDKWQAVYQ DQLGLVDHGL TTSLWKAPGL
<b>Source</b>	Yeast
<b>Target Names</b>	IsrK
<b>Protein Names</b>	Recommended name: Autoinducer 2 kinase LsrK Short name= AI-2 kinase EC= 2.7.1.-
<b>Expression Region</b>	1-530
<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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