



Recombinant Autoinducer 2 kinase LsrK (IsrK)

Product Code	CSB-MP834828EOD
Abbreviation	IsrK
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>
Uniprot No.	Q8XAY5
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	MARLFTPSES KYYLALDAG TGSIRAVIFD LEGNQIAVGQ AEWRHLAVPD VPGSMEFDLN KNWQLACECM RQALHNAGIA PEYIAAVSAC SMREGIVLYN NEGTPIWACA NVDARAAREV SELKELHNNT FENEVYRATG QTLALSAIPR LLWLAHHRSD IYRQASTITM ISDWLAYMLS GELAVDPSNA GTTGLLDLTI RDWKPALLDM AGLRADILSP VKETGTLLGV VSSQAAELCG LKVGTPVVVG GGDVQLGCLG LGVVRPAQTA VLGTFWQQV VNLAAPVTDP EMNVRVNPHV IPGMVQAESI SFFTGLTMRW FRDAFCAEEK LIAERLGIDT YTLLEEMASR VPPGSWGVMV IFSDRMRFKT WYHAAPSFIN LSIDPDKCNK ATLFRALEEN AAIVSACNLQ QIADFSTIHP SSLVFAGGGS KGKLWSQILA DVSGLPVNIP VVKEATALGC AIAAGVGAGI FSSMAETGER LVRWERTHTP DPEKHELYQD SRDKWQAVYQ DQLGLVDHGL TTSLWKAPGL
Source	Mammalian cell
Target Names	IsrK
Protein Names	Recommended name: Autoinducer 2 kinase LsrK Short name= AI-2 kinase EC= 2.7.1.-
Expression Region	1-530
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	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>