



# Recombinant Salmonella paratyphi A Autoinducer 2 kinase LsrK (IsrK), partial

|                   |                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Code      | CSB-EP728731SBM                                                                                                                                                                                                                                                                                                                                                                                             |
| Abbreviation      | IsrK                                                                                                                                                                                                                                                                                                                                                                                                        |
| Storage           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.       | Q5PJE9                                                                                                                                                                                                                                                                                                                                                                                                      |
| Product Type      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                         |
| Immunogen Species | Salmonella paratyphi A (strain ATCC 9150 / SARB42)                                                                                                                                                                                                                                                                                                                                                          |
| Purity            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                             |
| Source            | E.coli                                                                                                                                                                                                                                                                                                                                                                                                      |
| Target Names      | IsrK                                                                                                                                                                                                                                                                                                                                                                                                        |
| Protein Names     | Recommended name: Autoinducer 2 kinase LsrK Short name= AI-2 kinase EC= 2.7.1.-                                                                                                                                                                                                                                                                                                                             |
| 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    | Partial                                                                                                                                                                                                                                                                                                                                                                                                     |
| 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.<br>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.                                                                                                                          |