



# Recombinant Methanothermobacter thermautotrophicus Signal recognition 54 kDa protein (srp54)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-BP519717MSR   |
| <b>Storage</b>           | 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.  |
| <b>Uniprot No.</b>       | O27376  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Methanothermobacter thermautotrophicus (strain ATCC 29096 / DSM 1053 / JCM 10044 / NBRC 100330 / Delta H) (Methanobacterium thermoautotrophicum)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | MLGNLGRSLS KTMKKLAGMT IVDEEVVREV IKDIQRALIQ SDVNIKLVFN<br>LSKSIEERAL NEEPPKGITP KEHIISIVYD EMVKLLGEKS HELVIDDKPY<br>RILFLGLQGS GKTTTIGKLA RYLRKKGFTV GVVCTDTWRP AALEQLKQYT<br>EGQDVSIYGD PQNRDALDLA EKGLARFQKK DVIIFDTAGR HKEEKDLLRE<br>MEELSAIVEP HEAILVIDGT IGQQAREQAL AFRKATDIGS IIVTKLDGSA<br>KGGGALSAVA EIGAPIKFIG TGERIDDLEV FDPERFISRL LGMGDLRSL<br>EKVEEVSEEE IAEESLDAIL SGKFTLRDMR VQFEMMGKMG PLQQVMSMLP<br>GAGKLPKDas RMTEETIRKY LIIMDSMTEE ELEKPDIIKH SRIRRIARGs<br>GTRNEDVKEL LKYYRVTKKA MKGLGRRKMG GPMGQLMRQF MR |
| <b>Source</b>            | Baculovirus   |
| <b>Target Names</b>      | srp54   |
| <b>Protein Names</b>     | Recommended name: Signal recognition 54 kDa protein Alternative name(s): SRP54  |
| <b>Expression Region</b> | 1-442   |
| <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,   |



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