



Recombinant Methanocaldococcus jannaschii Signal recognition 54 kDa protein (srp54)

Product Code	CSB-EP710114MRU-B
Abbreviation	srp54
Storage	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.
Uniprot No.	Q57565
Product Type	Recombinant Protein
Immunogen Species	Methanocaldococcus jannaschii (strain ATCC 43067 / DSM 2661 / JAL-1 / JCM 10045 / NBRC 100440) (Methanococcus jannaschii)
Purity	≥85% (SDS-PAGE)
Sequence	MLDKLGENLN KALNKLKAAA FVDKKLIKEV IKDIQRALIQ ADVNVKLVLK MSKEIERRAL EEKTPKGLSK KEHIIKIVYE ELVKLLGEEA KKLELNPKKQ NVILLVGIQG SGKTTTAAKL ARYIQKRGLK PALIAADTYR PAAYEQLKQL AEKIHVPIYG DETRTKSPVD IVKEGMEKFK KADVLIIDTA GRHKEEKGLL EEMKQIKEIT NPDEIILVID GTIGQQAGIQ AKAFKEAVGE IGSIIVTKLD GSAKGGGALS AVAETKAPIK FIGIGEGIDD LEPFDPKKFI SLLGMDLE SLLEKAEDMV DEKTEESIDA IMRGKFTLNE LMTQLEAIEN MGSMKKILSM IPGFGGAMPK ELSHLTEAKI KKYKVISSM TKEERENPKI IKASRIRRIA RGS GTTENDV REVLRY YETT KNAIDKLRKG KMLRIGGPLG QIMRQLMFKE G
Source	E.coli
Target Names	srp54
Protein Names	Recommended name: Signal recognition 54 kDa protein Alternative name(s): SRP54
Expression Region	1-451
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	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.