



Recombinant Methanothermobacter thermautotrophicus Peptide chain release factor subunit 1 (prf1)

Product Code	CSB-EP521420MSR
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.	O26964
Product Type	Recombinant Protein
Immunogen Species	Methanothermobacter thermautotrophicus (strain ATCC 29096 / DSM 1053 / JCM 10044 / NBRC 100330 / Delta H) (Methanobacterium thermoautotrophicum)
Purity	>85% (SDS-PAGE)
Sequence	MSEPSSKELF EFKRTLQELS DKRGRGTELV SVYIPPDRQI SDVAKHMREE LSQSANIKSK QTKKNVQSAI EVIMQRLKLF PKPPEKGLVM FVGMVPRGGP GTEKMETYVF EPPEPIKTYI YHCNSEFYLE PLREMLEEKE TYGLAVLDRK EATIATLKGK RIDILKTLTS GVPGKHKAGG QSQRFRDRLI DLAAHEFLKR IGEHMNEAFL QIDDLKGIL GPGGHTKEEF LNGDYLHHEL KKKVITTVDT SYTGFEFGIRE VIDKSMDVLS EIDVMREKKL VQRFLRELIN EDGLASYGER EVRQHLQMGVA VEVLLLSEDL KYQRGTYECA SCGHRMEKTG RDLPDTETCP SCNDQMRLSD RRD MIDDLEVE MAEEVGTEVE IISTETEEGM QLLRAFGGIG AILRYRP
Source	E.coli
Target Names	prf1
Protein Names	Recommended name: Peptide chain release factor subunit 1 Alternative name(s): Translation termination factor aRF1
Expression Region	1-407
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.