



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

<b>Product Code</b>	CSB-YP521420MSR
<b>Storage</b>	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.
<b>Uniprot No.</b>	O26964
<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>	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
<b>Source</b>	Yeast
<b>Target Names</b>	prf1
<b>Protein Names</b>	Recommended name: Peptide chain release factor subunit 1 Alternative name(s): Translation termination factor aRF1
<b>Expression Region</b>	1-407
<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,



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.