



Recombinant Methanopyrus kandleri Peptide chain release factor subunit 1 (prf1)

Product Code	CSB-EP848521MSI-B
Abbreviation	prf1
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.	Q8TXB5
Product Type	Recombinant Protein
Immunogen Species	Methanopyrus kandleri (strain AV19 / DSM 6324 / JCM 9639 / NBRC 100938)
Purity	>85% (SDS-PAGE)
Sequence	MAESSTVERY RFRKMIERLE NLRGQGTELI TIYIPPENRL SDVIAQMREE YSQASNIKSK RTRKNVQSAI EVVMQRLKMV GETPENGLVV LVGTVQDGTK EKMVAELIEP PEPVDRFIYR CDSKFYLEPL KEYLEEKDVY GILVMDRREA TIGLVK GKRI EPVKRLTSDV PGKHKAGGQS QRRFDRLIEH AAHEFYQKVG EAAREAFEDV KDLKGIIVGG PGPTKEEFLD GDYLPKDLKE KVLTVVDVGN TDESGLREAL NKAEEALKEA ELVREKRLVR KFMEEAVNGE LAAYGEEVDE LLKMGAVEVL LVSEDLEGYK VILRCPEGY ENIVTVKEKD EAKKYVEECP ECGEAELNVE EIKDIVDYV ELAEQMGSNV EIISTETEEG AQFYNAFRGL GALLRFRPK
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	1-409
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.