



# Recombinant Methanocaldococcus jannaschii Peptide chain release factor subunit 1 (prf1)

<b>Product Code</b>	CSB-BP688247MRU
<b>Abbreviation</b>	prf1
<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>	Q58239
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Methanocaldococcus jannaschii (strain ATCC 43067 / DSM 2661 / JAL-1 / JCM 10045 / NBRC 100440) (Methanococcus jannaschii)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MASTDSKQLY LFKKMLKELK SKKGKGTSLI SLYIPAGRRI SDVAQHLREE MSQASNIKSK STRKNVQSAI EAILQRLKLL KEPLEKGVVI FAGMVPRSGP GTEKMETYVI EPPEPIKTYI YRCDSEFYLE PLEEFLEDKD AYGVLVDRN EATIALVKGR NINILKKLTS GVPGKFKAGG QSARRLERLI DLAAHEFLQR VGQKANEQFL PLLQEKKLRG ILVGGPGHTK NEFVEGDYLY HELKKIVLDT FDLCYTEEFG IRELLEKAAP LLKDVELMKE REAVQRFLKE LIKEDGGLAC YGEKEVLEAL MMGAVDTLIV SEELEKYKVK IACNNCDYLE EKTVNKLELI KLEEELKNAQ CPKCGGALS IVEEKDYIEYL SELCEQSGAK LTVSSETEE GAMILNAFKG IAAILRYKIH Q
<b>Source</b>	Baculovirus
<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>	1-421
<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.