



Recombinant *Sulfolobus solfataricus* Peptide chain release factor subunit 1 (prf1)

Product Code	CSB-EP842955FPM-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.	Q97W96
Product Type	Recombinant Protein
Immunogen Species	<i>Sulfolobus solfataricus</i> (strain ATCC 35092 / DSM 1617 / JCM 11322 / P2)
Purity	>85% (SDS-PAGE)
Sequence	MSXDEYALNK QELKALIKEL KKWKAPATVL LSLYIPPGRP IPDVVNLLRQ EYSIAQNIKL KRTRDAVLSA IGAAIDRLNK IPKIDGNGLV LFCGENFDTE DFKCFMFSP DKVPLFFYRT DKEFHLEFLE DMVEDTAVYG LIIVERDEAT IGLLKGARIE ILEEIEGFVP GKHMMGGQSQ RRIDRIIDEM YHNFLKEVGE KVNAYFMPFV QNGKMKGVLL GPGYAKEDF YKEDYVDYRI KNLILQPLID VSDQGEVGLR EMIMKAEDLL KNQQYIEVEK LLEELKYHLA KDDGLIYGK EQIKKAMEIG AIEAIVIHED STDKELEKLA QDAENYGVKV FVVGDEVPEA EWVKKTFNGI VGKLRYLRY
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	1-369
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.