



Recombinant Thermoplasma volcanium Peptide chain release factor subunit 1 (prf1)

Product Code	CSB-EP349938TDL
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.	P58227
Product Type	Recombinant Protein
Immunogen Species	Thermoplasma volcanium (strain ATCC 51530 / DSM 4299 / JCM 9571 / NBRC 15438 / GSS1)
Purity	>85% (SDS-PAGE)
Sequence	MYFMADDEQI RRYEFKRALE ELSKLGHRGT ELISLYIPPE KQISDVVAYL RDEYSTSSNI KSKSTRKNVL AAIESIMSRL KYRFPFPNG LVFFVGHIAI RGDQTEMYTK IIEPPEPITT FMYKCDSEFH TEMPLKAMLDE KEIYGLIVID RKEATVGFLN GTRIEVVENV QSQVPSKHHQ GGQSSRRFER LIEIAANEF KKVGEIANNA FIPRIKEIRA IFLGGPGATK EYFFEKDYLR NEVKDKIKDL FDVGYTDESG LRELVEKASE SIKDMKISRE KDLMDRFLRE VKKPDGGLAV YGEKAIRDAL EQKMVDLLLI SEGIRRVKYT YKCPTCGEEK TFSEEPSEWP VCDKDGTPLE LIGEDDMIED LYKLAKESGA QVEIISDQSD EGKLLKQAFG GLAAVLR FIR KDNVQNV M
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	1-418
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.