



Recombinant Methanococcus maripaludis Peptide chain release factor subunit 1 (prf1)

Product Code	CSB-EP429897MNQ-B
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.	A9AAH5
Product Type	Recombinant Protein
Immunogen Species	Methanococcus maripaludis (strain C6 / ATCC BAA-1332)
Purity	>85% (SDS-PAGE)
Sequence	MSGNSSTDY LFKKSLKELK GKKGKGTELI SVYVPAGRRL SDISQYLRQE LSQSSNIKSK TTMKNVQSAI EVILQRLKLL KEPLEMGVII FAGMIPRGGP GTEKMEVYVL EPPEPVKTFV YRCDSLPHYTD PLEDFIQDTE VYGVILVDRN EATIGTVKGGK TITVLKKLTS GVPGKFKAGG QSARRLERLI DDAAHQFMVR IGEYATESFM PILEEKKLKG LLLGGPGNTK NEFAEKDYHL HELKKKIIDT FDLCYTEEFG IRELLDKASD LLRDLDLMKE KNLIQRFFKE LIKDDGGLSA YGEAQVMKYL EMGAIDLIV TEDIGITRVT IKCNNDYDQ EVNVKTNEMF KFEEQLKTKA CPTCGGAMYI DEEKDIIIEHL SDLCNVHNTD IIVVSTDTEE GSQISRAFKG MAAILRYKL
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	1-419
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.