



Recombinant *Pyrococcus horikoshii* Peptide chain release factor subunit 1 (prf1)

Product Code	CSB-MP523929FHX
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.	O59264
Product Type	Recombinant Protein
Immunogen Species	<i>Pyrococcus horikoshii</i> (strain ATCC 700860 / DSM 12428 / JCM 9974 / NBRC 100139 / OT-3)
Purity	>85% (SDS-PAGE)
Sequence	MSKMTRHDAQ LYELKKKIEE LKKIRGRGTE LISLYIPAGY DLSKVMQQLR EEYSTAQNIK SKTTRKNVLG ALERAMQHLK LYKQTPENGL ALFVGNVSEI EGNTDIRLWA IIPPEPLNVR LYRCDQTFVT EPLEEMLRVK DAYGLITVEK NEATIGLLRG KRIELDELDT SNVPGKTRAG GQSARRYERI REQETHEFMK RIGEHANRAF LPLLEKGELK GIIIGGPGPT KEEFVEGEYL HHELKKKILG VVDISYHGEY GLRELVEKAS DILRDHEVIR EKKLVNEFLK HVVKDTGLAT YGEREVRRAL EIGAVDVLLI SEGYNKVRVR VKCNHCGWEE LKTMSEEEYE VYRKKITKCP KCGSQNLTIK KWDVAEELIK MAEEAGSDVE IISLDTEEGQ QFYRAFGGLG AILRFKI
Source	Mammalian cell
Target Names	prf1
Protein Names	Recommended name: Peptide chain release factor subunit 1 Alternative name(s): Translation termination factor aRF1
Expression Region	1-417
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.