



# Recombinant *Pyrobaculum aerophilum* Peptide chain release factor subunit 1 (prf1)

<b>Product Code</b>	CSB-EP841864FHU
<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>	Q8ZU81
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Pyrobaculum aerophilum</i> (strain ATCC 51768 / IM2 / DSM 7523 / JCM 9630 / NBRC 100827)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSFNRPPNGV YYIRSAVELR AFVNLLKKFK GYATTLITLY INAERPIPDV VNLLRSEWST AANIKDKTTR THVQDTLERI INNLKGEAKA PENGMAVFAG FHMINQGNYE WVYYVVIPPQ PINTFKYICD TAFHTELLED QLHAGVVYGI VVIERGEAVI ALLKGGQWEV VKSVEFFVPG KHHAGGQSAN RFKRQTEHLA EAFYKMVAEE ANKIFLQIPT LKGIIVAGPG PTKEDFLEEG GLDYRLKDKI LAIVPACCAN EYGVMEAIRN AQEQLKESEY VKAKEVMDKV MYYAVKKSEY LVYGRERALK ALEMGIADII VIAEELGEDA VLEVIMKAEE KGIKVEVVPR GVEESKTLMQ AFGGYVALLS TPVWVLEQQL SIAEAAQR
<b>Source</b>	E.coli
<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>	1-388
<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.