



# Recombinant *Thermoplasma acidophilum* Peptide chain release factor subunit 1 (prf1)

<b>Product Code</b>	CSB-EP881086TND
<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>	Q9HKR2
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Thermoplasma acidophilum</i> (strain ATCC 25905 / DSM 1728 / JCM 9062 / NBRC 15155 / AMRC-C165)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MLFMEDDEQI RRYEFKRALE ELSKLGHRGT ELISLYIPPD KQISDVVAYL RDEYSTSSNI KSKSTRKNVL AAIESIMARL KYYKTPPPNG FVFFEGHIAT RGDQTEMYTK IIEPPEPITT FMYKCDSEFH LEMLKTMLEE KEIYGLIVID RKEATVGFLN GTRIEVVDNV QSQVPSKHHQ GGQSSRRFER LIEIAAN EFF KKVGEIANNA FMPKIKDIRA IFLGGPGATK EYFFEKDYLR NEVKEKIKDL FDVGYTDESG LRELVEKASE SIKDMKISKE KDLMNRFRLRE VRKPDGGLAI YGEQAIRDAL EQKMVDLLLI SEGLRKVRYT YRCPTCQAEL TLNQEPNEWP VCEKDGTPME LVAEDDFIED LYRLAKESGA QVEIISDQSE EGKLLKQAFG GMAAVLRFIR KDNVQMM
<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>	1-417
<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.