



Recombinant Methanosarcina mazei Peptide chain release factor subunit 1 (prf1)

Product Code	CSB-MP819108MSN
Abbreviation	prf1
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.	Q8PX75
Product Type	Recombinant Protein
Immunogen Species	Methanosarcina mazei (strain ATCC BAA-159 / DSM 3647 / Goe1 / Go1 / JCM 11833 / OCM 88) (Methanosarcina frisia)
Purity	>85% (SDS-PAGE)
Sequence	MTEQSAHEKY EFKKKLEGLR DKKGRSTELI SLYIPDPKQI FDVTNQLKDE HGQAANIKSK LTRTNVQGAI ELLSRLRYL DKVPENGIVY FTGAVDIGAN KTSMESEVIV PDPITVYKY HCDSSFYLEP LEDMLKDKNT YGLLVDRRE ATIGLLVGKR IQPFRNLTST VPGKQRKGGQ SAHRFQQLRL IAIHDFYKRI GDAASEVFMA VDHKDLKGV L IGGPSPTKEE FHAGEFLHHE LMKKILGLFD TAYTDEGLS ELVNAAGEKL QDLELMGQKN AVRDFFKELI ADSGKVAYGE SQVRANLEIN SVDVLLLS E LRAERVTTKC SVCGYENKWT RRWKPGE PAP AAGNCPKCGS SLEVTDVTDI VDEFSELADK SNAKVVFVST DFDEGSQMLN AFGGIAAILR YNTGV
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	1-415
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.