



Recombinant Lactobacillus helveticus Peptide chain release factor 1 (prfA)

Product Code	CSB-EP015197LLE
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A8YUJ1
Product Type	Recombinant Protein
Immunogen Species	Lactobacillus helveticus (strain DPC 4571)
Purity	≥85% (SDS-PAGE)
Sequence	MDKVMAQLEG LVAHYEELQE MMADPEVIND TKRYMEISKE EADLREVVQK YKKYKEDKKE IADNKEIIAN ETDSDLIEMA KEENAEIEKE IPELEDQIKI LMLPKDPNDD KDIIMEIRGA AGGDEASLFA GDLLRMYEKY AERQNWKVSM IDSEPTVEGG YKRVAIMITG DKVYSKLYE NGAHRVQRIP VTESQGRVHT STATVAVMPE YEQVDIDIDP KDIRVDVYRS SGAGGQHINK TSSAVRMTHL PTGIVVAMQD QRSQQQNREK AMQILKSRVY DYESQNQAK YDAKRKNAIG TGDRSERIRT YNYPQNRVTD HRIGLTINKL DRVMNGELDE IIDALILYNQ TKQLEELADQ NA
Source	E.coli
Target Names	prfA
Protein Names	Recommended name: Peptide chain release factor 1 Short name= RF-1
Expression Region	1-362
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.