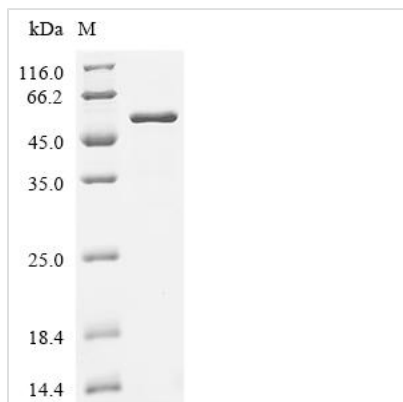




Recombinant Escherichia coli Peptide release factor 2 (prfB)

Product Code	CSB-EP513364ENU
Abbreviation	Recombinant E.coli prfB protein
Uniprot No.	C5A0G3
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.121.
Immunogen Species	Escherichia coli (strain K12 / MC4100 / BW2952)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MFEINPVNNRIQDLTERS DVLRGYLDYDAKKERLEE VNAELEQPDVWNEPERA QALGKERS SLEAVVDTL DQMKQGLEDV SGLLELAVEADDEETFNEAVAELD DAL EEKLAQLEFRRMFSGEYDS ADCYLDIQAGSGGTEAQDWASMLERMYLRWAE SRGFKTEIIIESEGEVAGIKSVTIKISGDYAYGWLRTETGVHRLVRKSPFDSSG RRHTSFSSAFVYPEVDDDDIDIEINPADLRIDVYRTSGAGGQHVNRTESAVRITHI PTGIVTQCQNDRSQHKNKDQAMKQMKAKLYELEMQKKNAEKQAMEDNKSDI GWGSQIRSYVLDDSRIKDLRTGVETRNTQAVLDGSLDQFIEASLKAGL
Research Area	Others
Source	E.coli
Target Names	prfB
Expression Region	1-365aa
Tag Info	C-terminal 6xHis-tagged
Mol. Weight	48.2 kDa
Protein Length	Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.