



Recombinant Escherichia coli 30S ribosomal protein S1 (rpsA)

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| Product Code | CSB-EP314176ENV-B |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P0AG67 |
| Product Type | Recombinant Protein |
| Immunogen Species | Escherichia coli (strain K12) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MTESFAQLFE ESLKEIETRP GSIVRGVVVA IDKDVVLVDA GLKSESAIPA EQFKNAQGEL EIQVGDEVDV ALDAVEDGFG ETLLSREKAK RHEAWITL AYEDAETVTG VINGKVKGGF TVELNGIRAF LPGSLVDVRP VRDTLHLE ELEFKVIKLD QKRNNVVSR RAVIESENSA ERDQLLENLQ EGMEVKGIVK NLTDYGAFVD LGGVDGLLHI TDMAWKRVKH PSEIVNVGDE ITVKVLKFD ERTRVSLGLK QLGEDPWVAI AKRYPEGTKL TGRVTNLTDY GCFVEIEEGV EGLVHVSEMD WTNKNIHPSK VVNVGDVVEV MVL DIDEERR RISLGLKQCK ANPWQQFAET HNKGDRVEGK IKSITDFGIF IGLDGGIDGL VHLSDISWNV AGEEAVREYK KGDEIAAVVL QVDAERERIS LGVKQLAEDP FNNWVALNKK GAIVTGKVTA VDAKGATVEL ADGVEGYLRA SEASRDRVED ATLVLSVGDE VEAKFTGVDR KNRAISLSVR AKDEADEKDA IATV NKQEDA NFSNNAMAEA FKA AKGE |
| Source | E.coli |
| Target Names | rpsA |
| Protein Names | Recommended name: 30S ribosomal protein S1 |
| Expression Region | 1-557 |
| 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. |