



Recombinant 30S ribosomal protein S1 (rpsA)

Product Code	CSB-EP314712EGX-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0AG68
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MTESFAQLFE ESLKEIETRP GSIVRGVVVA IDKDVVLVDA GLKSESAIPA EQFKNAQGEL EIQVGDEV DV ALDAVEDGFG ETLLSREKAK RHEAWITL E K AYEDAETVTG VINGKVKGGF TVELNGIRAF LPGSLVDVRP VRDTLHLE GK ELEFKVIKLD QKRNNVVVSR RAVIESENSA ERDQLLENLQ EGMEVKGIVK NLTDYGAFVD LGGVDGLLHI TDMAWKRVKH PSEIVNVGDE ITVKVLKFDR 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.