



Recombinant *Oryza sativa* subsp. *indica* DNA-directed RNA polymerase subunit alpha (rpoA)

Product Code	CSB-EP315021OFF-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0C499
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>indica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MVREEVAGST QTLQWKCVES RVDSKRLYYG RFILSPLRKG QADTVGIALR RALLGETEGT CITHAKFGSV PHEYSTIAGI EESVQEILLN LKEIVLRSNL YGVRTASICV KGPRYITAQD IILPPSVEIV DTAQPIANLT EPTDFRIELR IKRDRGYHTE VRKNTQDGSY PIDAVSMPVR NVNYSIFACG NGNAKYEILF LEIWTNGSLT PKEALYEASR NLIDLFLPFL HTEEEGTRFQ ENKNRFTSPL LSFQKRLTNL KKNKKRIPLN CIFIDQLELP SRTYNCLKRA NIHTLLDLLS KTEEDLMRID SFRMQDGKQI WDTLEKHLPM DLPKNKF
Source	E.coli
Target Names	rpoA
Protein Names	Recommended name: DNA-directed RNA polymerase subunit alpha Short name= PEP EC= 2.7.7.6 Alternative name(s): Plastid-encoded RNA polymerase subunit alpha Short name= RNA polymerase subunit alpha
Expression Region	1-337
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.