



Recombinant Human DNA-directed RNA polymerase II subunit RPB9 (POLR2I)

Product Code	CSB-EP018336HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P36954
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEPDGTYEPG FVGIRFCQEC NNMLYPKEDK ENRILLYACR NCDYQQEADN SCIYV NKITH EVDEL TQIIA DVSQDPTLPR TEDHPCQKCG HKEAVFFQSH SARAEDAMRL YYVCTAPHCG HRWTE
Source	E.coli
Target Names	POLR2I
Protein Names	Recommended name: DNA-directed RNA polymerase II subunit RPB9 Short name= RNA polymerase II subunit B9 Alternative name(s): DNA-directed RNA polymerase II subunit I RNA polymerase II 14.5 kDa subunit Short name= RPB14.5
Expression Region	1-125
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
Target Details	This gene encodes a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. This subunit, in combination with two other polymerase subunits, forms the DNA binding domain of the polymerase, a groove in which the DNA template is transcribed into RNA. The product of this gene has two zinc finger motifs with conserved cysteines and the subunit does possess zinc binding activity.
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.