Recombinant Human DNA-directed RNA polymerase II subunit RPB4 (POLR2D)

Product Code	CSB-EP018331HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O15514
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MAAGGSDPRA GDVEEDASQL IFPKEFETAE TLLNSEVHML LEHRKQQNES AEDEQELSEV FMKTLNYTAR FSRFKNRETI ASVRSLLLQK KLHKFELACL ANLCPETAEE SKALIPSLEG RFEDEELQQI LDDIQTKRSF QY
Source	E.coli
Target Names	POLR2D
Protein Names	Recommended name: DNA-directed RNA polymerase II subunit RPB4 Short name= RNA polymerase II subunit B4 Alternative name(s): DNA-directed RNA polymerase II subunit D RNA polymerase II 16 kDa subunit Short name= RPB16
Expression Region	1-142
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 the fourth largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. In yeast, this polymerase subunit is associated with the polymerase under suboptimal growth conditions and may have a stress protective role. A sequence for a ribosomal pseudogene is contained within the 3 untranslated region of the transcript from this gene.
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.