



Recombinant Human DNA-directed RNA polymerase II subunit RPB7 (POLR2G)

Product Code	CSB-BP018334HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P62487
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MFYHISLEHE ILLHPRYFGP NLLNTVKQKL FTEVEGTCTG KYGFVIAVTT IDNIGAGVIQ PGRGFVLYPV KYKAIVFRPF KGEVVDVAVT QVNVKGLFTE IGPMSCFISR HSIPSEMEFD PNSNPPCYKT MDEDIVIQD DEIRLKIVGT RVDKNDIFAI GSLMDDYLGL VS
Source	Baculovirus
Target Names	POLR2G
Protein Names	Recommended name: DNA-directed RNA polymerase II subunit RPB7 Short name= RNA polymerase II subunit B7 Alternative name(s): DNA-directed RNA polymerase II subunit G RNA polymerase II 19 kDa subunit Short name= RPB19
Expression Region	1-172
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 seventh largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The protein functions in transcription initiation, and is also thought to help stabilize transcribing polymerase molecules during elongation.
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.