Recombinant Human DNA-directed RNA polymerase II subunit RPB3 (POLR2C)

Product Code	CSB-EP018329HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P19387
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	PYANQPTVR ITELTDENVK FIIENTDLAV ANSIRRVFIA EVPIIAIDWV QIDANSSVLH DEFIAHRLGL IPLISDDIVD KLQYSRDCTC EEFCPECSVE FTLDVRCNED QTRHVTSRDL ISNSPRVIPV TSRNRDNDPN DYVEQDDILI VKLRKGQELR LRAYAKKGFG KEHAKWNPTA GVAFEYDPDN ALRHTVYPKP EEWPKSEYSE LDEDESQAPY DPNGKPERFY YNVESCGSLR PETIVLSALS GLKKKLSDLQ TQLSHEIQSD VLTIN
Source	E.coli
Target Names	POLR2C
Protein Names	Recommended name: DNA-directed RNA polymerase II subunit RPB3 Short name= RNA polymerase II subunit 3 Short name= RNA polymerase II subunit B3 Alternative name(s): DNA-directed RNA polymerase II 33 kDa polypeptide Short name=
Expression Region	2-275
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 of Mature Protein
Target Details	This gene encodes the third largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The product of this gene contains a cysteine rich region and exists as a heterodimer with another polymerase subunit, POLR2J. These two subunits form a core subassembly unit of the polymerase. A pseudogene has been identified on chromosome 21.
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.