



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

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| Product Code | CSB-MP018329HU |
| 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 EEFCEPCSVE FTLDVRCNED QTRHVTSRDL ISNSPRVIPV TSRNRDNDPN DYVEQDDILI VKLRKGQELR LRAYAKKGGF KEHAKWNPTA GVAFEYDPDN ALRHTVYPKP EEWPKSEYSE LDEDESQAPY DPNGKPERFY YNVESCGSLR PETIVLSALS GLKKKLSDLQ TQLSHEIQSD VLTIN |
| Source | Mammalian cell |
| 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.