# Recombinant Human DNA-directed RNA polymerase II subunit RPB11-b1 (POLR2J2)

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| **Product Code** | CSB-YP880922HU |
| **Abbreviation** | POLR2J2 |
| **Storage** | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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. |
| **Uniprot No.** | Q9GZM3 |
| **Product Type** | Recombinant Protein |
| **Immunogen Species** | Homo sapiens (Human) |
| **Purity** | ≥85% (SDS-PAGE) |
| **Sequence** | MNAPPAFESF LLFEGEKITI NKDTKVPNAC LFTINKEDHT LGNIIKSQLL KDPQVLFAGY KVPHPLEHKI IIRVQTTPDY SPQEAFTNAI TDLISELSLL EERFRTCLLP LRLLP |
| **Source** | Yeast |
| **Target Names** | POLR2J2 |
| **Protein Names** | Recommended name: DNA-directed RNA polymerase II subunit RPB11-b1 Short name= RNA polymerase II subunit B11-b1 Short name= RPB11b1 Alternative name(s): DNA-directed RNA polymerase II subunit J2 |
| **Expression Region** | 1-115 |
| **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 is a member of the RNA polymerase II subunit 11 gene family, which includes three genes in a cluster on chromosome 7q22.1 and a pseudogene on chromosome 7p13. The founding member of this family, DNA directed RNA polymerase II polypeptide J, has been shown to encode a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. This locus produces multiple, alternatively spliced transcripts that potentially express isoforms with distinct C-termini compared to DNA directed RNA polymerase II polypeptide J. Most or all variants are spliced to include additional non-coding exons at the 3 end which makes them candidates for nonsense-mediated decay (NMD). Consequently, it is not known if this locus expresses a protein or proteins in vivo. |
| **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 |

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| | 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.<br>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. |