



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

<b>Product Code</b>	CSB-EP880922HU-B
<b>Abbreviation</b>	POLR2J2
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9GZM3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MNAPPAFESF LLFEGEKITI NKDTKVPNAC LFTINKEDHT LGNIIKSQLL KDPQVLFAGY KVPHPLEHKI IIRVQTTPDY SPQEAFNAI TDLISELSLL EERFRTCLLP LRLLP
<b>Source</b>	E.coli
<b>Target Names</b>	POLR2J2
<b>Protein Names</b>	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
<b>Expression Region</b>	1-115
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.

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