

**POLR2J3, 1-115aa, Human, His tag, E.coli**

**Cat.NO.: TP03466**

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3th Edition

**Synonyms:**DNA-directed RNA polymerase II subunit RPB11-b2, POLR2J2, RPB11b1, RPB11b2.

**Description:**DNA-directed RNA polymerase II subunit RPB11-b2, also known as POLR2J3, belongs to the eukaryotic RPB11 RNA polymerase subunit family. POLR2J (DNA-directed RNA polymerase II subunit J) exist as three variants POLR2J1 (RPB11-a), POLR2J2 (RPB11-b1), and POLR2J3 (RPB11-b2). POLR2J3 is DNAdependent RNA polymerases that catalyze the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol,1mM DTT

**Molecular Weight:**15.5 kDa (138aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMNAPPAFESFLLFEGEKITINKDTKVPNACLFTINKEDHTLGNIKSQLLKDPQ  
VLFAGYKVPHPLEHKIIIRVQTTDPDYSPQEAFTNAITDLISELSLLEERFRTCLLPLRLLP

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.