

POLR2J,1-117aa, Human, His tag, E.coli

Cat.NO.: TP03464

3th Edition

Synonyms:DNA-directed RNA polymerase II subunit RPB11-a, hRPB14, POLR2J1, RPB11, RPB11A, RPB11m.

Description:POLR2J is a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. This protein exists as a heterodimer with another polymerase subunit; together they form a core subassembly unit of the polymerase. Two similar genes are located nearby on chromosome 7q22.1 and a pseudogene is found on chromosome 7p13.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 5mM DTT, and 2mM EDTA

Molecular Weight:15.7 kDa (140aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMNAPPAFESFLLFEGEKKITINKDTKVPNACLFTINKEDHTLGNIKSQLLKDP
QVLFAGYKVPHPLEHKIIIRVQTTTPDYSPQEAFTNAITDLISELSLLEERFRVAIKDKQEGIE

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.