

## 32-4480: Recombinant Human Polymerase (RNA) II (DNA directed) Polypeptide J

**Alternative Name :**

DNA-directed RNA polymerase II subunit RPB11-a, RNA polymerase II subunit B11-a, RPB11a, DNA-directed RNA polymerase II subunit J-1, RNA polymerase II 13.3 kDa subunit, POLR2J, POLR2J1, RPB11, RPB11m, hRPB14.

### Description

Source : Escherichia Coli. POLR2J Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 140 amino acids (1-117 a.a) and having a molecular mass of 15.7kDa. POLR2J is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Polymerase (RNA) II (DNA directed) Polypeptide J (POLR2J) is a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The POLR2J protein occurs as a heterodimer with another polymerase subunit; together they develop a core subassembly unit of the polymerase. POLR2J is ubiquitously expressed, having a high expression in the heart and skeletal muscle.

### Product Info

**Amount :**

10 µg

**Purification :**

Greater than 90.0% as determined by SDS-PAGE.

**Content :**

POLR2J protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol, 5mM DTT and 2mM EDTA.

**Storage condition :**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid :**

MGSSHHHHHH SGLVPRGSH MGSMNAPP AF ESFLFEGEK KITINKDTKV PNACLFTINK EDHTLGNI IK  
SQLLKDPQVL FAGYKVP HPL EHKIIIRVQT TPDYSPQEAF TNAITDLISE LSLLEERFRV AIKDKQEGIE.

