

## 32-4478: Recombinant Human Polymerase (RNA) II (DNA directed) Polypeptide H

**Alternative Name :** DNA-directed RNA polymerases I,II,and III subunit RPABC3, RNA polymerases I,II,and III subunit ABC3, DNA-directed RNA polymerase II subunit H, DNA-directed RNA polymerases I,II,and III 17.1 kDa polypeptide, RPB17, RPB8 homolog, hRPB8, POLR2H, p

### Description

Source : Escherichia Coli. POLR2H Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 173 amino acids (1-150 a.a) and having a molecular mass of 19.5kDa. POLR2H is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. POLR2H is an essential and highly conserved subunit of RNA polymerase II which is shared by the other 2 eukaryotic DNA-directed RNA polymerases, I and III. The three eukaryotic RNA polymerases are complex multisubunit enzymes which play a vital role in the transcription of nuclear genes. POLR2H encodes an essential and highly conserved subunit of RNA polymerase II which is shared by the other two eukaryotic DNA-directed RNA polymerases, I and III.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** POLR2H protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.  
**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 SSGLVPRGSH MGSMAGILFE DFDVKDIDP EGKKFDRVSR LHCESESFKM DLILDVNIQI YPVDLGDKFR LVIASLYED GTLDDGEYNP TDDRPSRADQ FEYVMYGKVY RIEGDETSTE AATRLSAYVS YGLLMRLQG DANNLHGFEV DSRVYLLMKK LAF.

