

Polymerase II Polypeptide J2 Human Recombinant

Item Number	rAP-1595
Synonyms	HRPB11B, RPB11b1, POLR2J2, DNA-directed RNA polymerase II subunit RPB11-b1.
Description	POLR2J2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 138 amino acids (1-115) and having a molecular mass of 15.5kDa. POLR2J2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	F6W009
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGS MNAPP AF ESFL FEGEK ITINKDTKVP KACLF TINKE DHTLGNI IKS QLLKDPQVLF AGYKVPHPLE HKIIRVQTT PDYSPQEAFT NAITDLISEL SLLEERFRTC LLPLRLLP.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The POLR2J2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol, 1mM DTT and 250mM Imidazole. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**