

## Polymerase II Polypeptide I Human Recombinant

<b>Item Number</b>	rAP-1593
<b>Synonyms</b>	hRPB14.5, RPB9, DNA-directed RNA polymerase II subunit RPB9, DNA-directed RNA polymerase II subunit I, RNA polymerase II 14.5 kDa subunit, RPB14.5.
<b>Description</b>	POLR2I Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 148 amino acids (1-125 a.a.) and having a molecular mass of 17.0kDa.POLR2I is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P36954
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMEPDGTY EPGFVGIRFC QECNNMLYPK EDKENRILLY ACRNCDYQQE ADNSCIYVNK ITHEVDELTQ IIADVSQDPT LPRTEDHPCQ KCGHKEAVFF QSH- SARAEDA MRLYYVCTAP HCGHRWTE.
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	POLR2I protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 20% glycerol and 1mM DTT. Greater than 85% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**