

## Polymerase II Polypeptide E Human Recombinant

<b>Item Number</b>	rAP-1594
<b>Synonyms</b>	DNA-directed RNA polymerases I, II, and III subunit RPABC1, RNA polymerases I, II, and III subunit ABC1, DNA-directed RNA polymerase II 23 kDa polypeptide, DNA-directed RNA polymerase II subunit E, RPB5 homolog, XAP4, POLR2E, RPB5, RPABC1, hRPB25, hsRPB5.
<b>Description</b>	POLR2E Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 233 amino acids (1-210) and having a molecular mass of 27.1kDa.POLR2E is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P19388
<b>Amino Acid Sequence</b>	MGSSHHHHH SSSLVPRGSH MGSMDDEEET YRLWKIRKTI MQLCHDRGYL VTQDELDQTL EEFKAQFGDK PSEGRPRRTD LTVLVAHNDD PTDQMFVFFP EEPKVGIKTI KVYCQRMQEE NI- TRALIVVQ QGMTPSAKQS LVDMAPKYIL EQFLQQELLI NITEHELVPE HVVMTKEEVTELLARYKLRE NQLPRIQAGD PVARYFGIKR GQVVKIIRPS ETAGRYITYR LVQ.
<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>	The POLR2E solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT. Greater than 90% 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**