

## Polymerase II Polypeptide D Human Recombinant

<b>Item Number</b>	rAP-1597
<b>Synonyms</b>	HSRBP4, HSRPB4, RBP4, RPB16, DNA-directed RNA polymerase II subunit RPB4, RNA polymerase II subunit B4, DNA-directed RNA polymerase II subunit D, RNA polymerase II 16 kDa subunit, POLR2D.
<b>Description</b>	POLR2D Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 165 amino acids (1-142) and having a molecular mass of 18.7kDa.POLR2D is fused to a 23 amino acid His-tag at N-terminus
<b>Uniprot Accession Number</b>	O15514
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSM AAGGSD PRAGDVEEDA SQLIFPKEFE TAETLLNSEV HMLLEHRKQQ NESAEDEQEL SEVFMKTLNY TARFSRFKNR ETIASVRSLL LQKKLHKFEL ACLANLCPET AEESKALIPS LEGRFEDEEL QQILDDIQTK RSFQY.
<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 POLR2D solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. 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**