



Polymerase (RNA) II (DNA directed) Polypeptide K Human Recombinant

Item Number	rAP-4554
Synonyms	Polymerase (RNA) II (DNA Directed) Polypeptide K, 7.0kDa, RNA Polymerases I, II, And III Subunit ABC4, DNA-Directed RNA Polymerase II Subunit K, RNA Polymerase II 7.0 KDa Subunit, ABC10-Alpha, RPB10alpha, RPB7.0, RPB12,DNA Directed RNA Polymerases I, II,
Description	POLR2K Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 81 amino acids (1-58 a.a) and having a molecular mass of 9.4kDa.POLR2K is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P53803
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMDTQKDV QPPKQQPMIY ICGECHTENE IKSRDPIRCR ECGY-RIMYKK RTKRLVVFDA R.
Source	Escherichia 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	POLR2K protein solution (0. 5mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT. Greater than 85.0% 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**