

Polymerase III Polypeptide K Human Recombinant

Item Number	rAP-1601
Synonyms	DNA-directed RNA polymerase III subunit RPC10, RNA polymerase III subunit C10, DNA-directed RNA polymerase III subunit K, RNA polymerase III 12.5 kDa subunit, RPC12.5, RNA polymerase III subunit C11, HsC11p, RPC11, hRPC11, POLR3K, My010, Polymerase III Po
Description	POLR3K Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 131 amino acids (1-108 a.a) and having a molecular mass of 14.7kDa. POLR3K is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9Y2Y1
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMLLFPCPG CGNGLIVEEG QRCHRFACNT CPYVHNITRK VTNRKYPKLGK EVDDVLGGAA AWENVNSTAE SCPKCEHPRA YFMLQLQTRSA DEPMITTFYKC CNAQCGHRWR D.
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	POLR3K protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 50% glycerol, 2mM DTT and 2mM EDTA. 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**