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32-2698: POLR2I Recombinant Protein

Alternative Name : 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.

Description

Source : E.coli. 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. Polymerase II Polypeptide I (POLR2I) is a member of the archaeal RpoM/eukaryotic RPA12/RPB9/RPC11 RNA polymerase family. POLR2I is a subunit of RNA polymerase II, which is a polymerase responsible for synthesizing messenger RNA in eukaryotes. DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the 4 ribonucleoside triphosphates as substrates. In addition POLR2I synthesizes mRNA precursors and numerous functional non-coding RNAs.

Product Info

Amount :	10 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	POLR2I protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 20% glycerol and 1mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMEPDGTY EPGFVGIRFC QECNNMLYPK EDKENRILLY ACRNCDYQQE ADNSCIYVNK ITHEVDELTQ IIADVSQDPT LPRTEDHPCQ KCGHKEAVFF QSHSARAEDA MRLYYVCTAP HCGHRWTE.

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