ABGENEX Pvt. Ltd.,
E-5, Infocity, KIIT Post Office,
Tel : +91-674-2720712, +91-9437550560
Email : info@abgenex.com
Bhubaneswar, Odisha - 751024, INDIA

32-2696: POLR2F Recombinant Protein

Alternative Name :	Polymerase (RNA) II (DNA Directed) Polypeptide F,DNA Directed RNA Polymerase II 14.4 Kda Polypeptide,POLRF,RPABC14.4,RPB14.4,RPC15,DNA-Directed RNA Polymerase II Subunit F,DNA-Directed RNA Polymerases I,II,And III 14.4 KDa Polypeptide,RNA P

Description

Source : E.coli. POLR2F Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 150 amino acids (1-127) and having a molecular mass of 16.9kDa (Molecular size on SDS-PAGE will appear higher).POLR2F is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Polymerase II Polypeptide F (POLR2F) is the 6th largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes, which is also shared by the other two DNA-directed RNA polymerases. In yeast, POLR2F, in combination with at least 2 other subunits, forms a structure which stabilizes the transcribing polymerase on the DNA template. DNA-dependent RNA polymerases catalyze the transcription of DNA into RNA via the 4 ribonucleoside triphosphates as substrates. Pol II is the principal element of the basal RNA polymerase II transcription apparatus. Pols are comprised of mobile elements which move close to each other. In Pol II, POLR2F/RPB6 is part of the clamp element and along with parts of RPB1 and RPB2 constructs a compartment to which the RPB4-RPB7 subcomplex attaches.

Product Info

Amount :	20 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	The POLR2F solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M 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 MGSMSDNEDN FDGDDFDDVE EDEGLDDLEN AEEEGQENVE ILPSGERPQA NQKRITTPYM TKYERARVLG TRALQIAMCA PVMVELEGET DPLLIAMKEL KARKIPIIIR RYLPDGSYED WGVDELIITD.