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32-2699: POLR2J2 Recombinant Protein

Alternative Name : HRPB11B,RPB11b1,POLR2J2,DNA-directed RNA polymerase II subunit RPB11-b1.

Description

Source : E.coli. POLR2J2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 138 amino acids (1-115) and having a molecular mass of 15.5kDa. POLR2J2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. POLR2J2 belongs to the RNA polymerase II subunit 11 gene family, that includes 3 genes in a cluster on chromosome 7q22.1 and a pseudogene on chromosome 7p13. DNA directed RNA polymerase II polypeptide J family encodes a subunit of RNA polymerase II, the polymerase which is responsible for synthesizing messenger RNA in eukaryotes. This locus produces multiple, otherwise spliced transcripts which express isoforms with distinct C-termini compared to DNA directed RNA polymerase II polypeptide J. Most or all variants are spliced to include additional non-coding exons at the 3' end that makes them candidates for nonsense-mediated decay (NMD). Therefore, it is unknown if this locus expresses a protein or proteins in vivo.

Product Info

Amount :	10 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	The POLR2J2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol, 1mM DTT and 250mM Imidazole.
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 MGSMNAPPAF ESFLLFEGEK ITINKDTKVP KACLFTINKE DHTLGNIIKS QLLKDPQVLF AGYKVPHPLE HKIIIRVQTT PDYSPQEAFT NAITDLISEL SLLEERFRTC LLPLRLLP.

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