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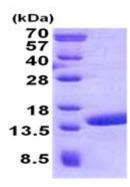
AR50776PU-S Human POLR2J2 (1-115, His-tag) - Purified

Alternate names:	DNA-directed RNA polymerase II subunit RPB11-b1, HRPB11B, RPB11b1
Quantity:	50 μg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	POLR2J2 is a member of the RNA polymerase II subunit 11 gene family, which includes three genes in a cluster on chromosome 7q22.1 and a pseudogene on chromosome 7p13. The founding member of family, DNA directed RNA polymerase II polypeptide J, has been shown to encode a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. This locus produces multiple, alternatively spliced transcripts that potentially 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 which makes them candidates for nonsense-mediated decay (NMD). Consequently, it is not known if this locus expresses a protein or proteins in vivo.
Uniprot ID:	<u>F6W009</u>
NCBI:	<u>NP_116581</u>
GenelD:	<u>246721</u>
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT, 250mM Imidazole
Description:	Recombinant human POLR2J2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SSGLVPRGSH MGSMNAPPAF ESFLLFEGEK ITINKDTKVP KACLFTINKE DHTLGNIIKS QLLKDPQVLF AGYKVPHPLE HKIIIRVQTT PDYSPQEAFT NAITDLISEL SLLEERFRTC LLPLRLLP Molecular weight: 15.5 kDa (138aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Shpakovskii,D.G., et al. (2004) Bioorg. Khim. 30 (6), 621-625Benga,W.J., et al. (2005) Nucleic Acids Res. 33 (11), 3582-3590

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MP/20130116

Pictures:



15% SDS-PAGE (3ug)

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