

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com **OriGene Technologies GmbH**

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

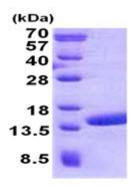
AR50776PU-S Human POLR2J2 (1-115, His-tag) - Purified

| 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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