

# Product datasheet for AR50776PU-N

## POLR2J2 (1-115, His-tag) Human Protein

### **Product data:**

#### OriGene Technologies, Inc.

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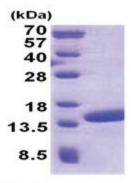
Product Type:	Recombinant Proteins
Description:	POLR2J2 (1-115, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMNAPPAF ESFLLFEGEK ITINKDTKVP KACLFTINKE DHTLGNIIKS QLLKDPQVLF AGYKVPHPLE HKIIIRVQTT PDYSPQEAFT NAITDLISEL SLLEERFRTC LLPLRLLP
Tag:	His-tag
Predicted MW:	15.5 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT, 250 mM Imidazole
Preparation:	Liquid purified protein
Protein Description:	Recombinant human POLR2J2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 116581</u>
Locus ID:	246721
UniProt ID:	<u>Q9GZM3</u>
Cytogenetics:	7q22.1
Synonyms:	HRPB11B; POLR2J3; RPB11b1; RPB11b2



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	POLR2J2 (1-115, His-tag) Human Protein – AR50776PU-N
Summary:	This gene 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 this 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. [provided by RefSeq, Jul 2008]
Protein Families:	Transcription Factors
Protein Pathway	<b>s:</b> Huntington's disease, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase

## Product images:



15% SDS-PAGE (3ug)

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