

Product datasheet for **AR50776PU-N**

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

Product data:

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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 ESLLFEGEK ITINKDTKVP KACLFTINKE DHTLGNIKS QLLKDPQVLF AGYKVPHPLE HKIIRVQTT PDYSPQEAFT NAITDLISEL SLLLEERFRTC 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: | NP_116581 |
| Locus ID: | 246721 |
| UniProt ID: | Q9GZM3 |
| Cytogenetics: | 7q22.1 |
| Synonyms: | HRPB11B; POLR2J3; RPB11b1; RPB11b2 |



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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 Pathways:

Huntington's disease, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase

Product images: