

Product datasheet for **AR50598PU-S**

POLR2J (1-117, His-tag) Human Protein

Product data:

| | |
|--|---|
| Product Type: | Recombinant Proteins |
| Description: | POLR2J (1-117, His-tag) human recombinant protein, 50 µg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSMNAPPAF ESLLFEGEK KITINKDTKV PNACLFTINK EDHTLGNIIK SLLKDPQVL FAGYKVPHPL EHKKIIRVQT TPDYSPQEAF TNAITDLISE LSLLEERFRV AIKDKQEGIE |
| Tag: | His-tag |
| Predicted MW: | 15.7 kDa |
| Concentration: | lot specific |
| Purity: | >90% by SDS - PAGE |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 5 mM DTT, and 2 mM EDTA |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human POLR2J 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_006225 |
| Locus ID: | 5439 |
| UniProt ID: | P52435 |
| Cytogenetics: | 7q22.1 |
| Synonyms: | hRPB14; POLR2J1; RPB11; RPB11A; RPB11m |



[View online »](#)

Summary:

This gene encodes a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The product of this gene exists as a heterodimer with another polymerase subunit; together they form a core subassembly unit of the polymerase. Two similar genes are located nearby on chromosome 7q22.1 and a pseudogene is found on chromosome 7p13. [provided by RefSeq, Jul 2008]

Protein Families:

Transcription Factors

Protein Pathways:

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

Product images: