

## Product datasheet for **AR51712PU-N**

### **POLR2K (1-58, His-tag) Human Protein**

#### **Product data:**

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| <b>Product Type:</b>                         | Recombinant Proteins   |
| <b>Description:</b>                          | POLR2K (1-58, His-tag) human recombinant protein, 0.25 mg  |
| <b>Species:</b>                              | Human  |
| <b>Expression Host:</b>                      | E. coli  |
| <b>Expression cDNA Clone or AA Sequence:</b> | MGSSHHHHHH SSGLVPRGSH MGSMDTQKDV QPPKQQPMIY ICGECHTENE IKSRDPIRCR ECGYRIMYKK RTKRLVVFDA R  |
| <b>Tag:</b>                                  | His-tag  |
| <b>Predicted MW:</b>                         | 9.4 kDa  |
| <b>Concentration:</b>                        | lot specific   |
| <b>Purity:</b>                               | >85% by SDS - PAGE   |
| <b>Buffer:</b>                               | Presentation State: Purified<br>Buffer System: Liquid, In Phosphate buffered saline (pH 7.4) containing 10% glycerol, 1 mM DTT   |
| <b>Protein Description:</b>                  | Recombinant human POLR2K protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.  |
| <b>Storage:</b>                              | 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.  |
| <b>Stability:</b>                            | Shelf life: one year from despatch.  |
| <b>RefSeq:</b>                               | <a href="#">NP_005025</a>  |
| <b>Locus ID:</b>                             | 5440   |
| <b>UniProt ID:</b>                           | <a href="#">P53803</a> , <a href="#">A0A024R9G0</a>  |
| <b>Cytogenetics:</b>                         | 8q22.2   |
| <b>Synonyms:</b>                             | ABC10-alpha; hRPB7.0; hsRPB10a; RPABC4; RPB7.0; RPB10alpha; RPB12  |
| <b>Summary:</b>                              | This gene encodes one of the smallest subunits of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. This subunit is shared by the other two DNA-directed RNA polymerases. [provided by RefSeq, Jul 2008] |
| <b>Protein Families:</b>                     | Transcription Factors  |



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**Protein Pathways:** Huntington's disease, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase

**Product images:**

