

## Product datasheet for **AR51467PU-S**

### **POLR2F (1-127, His-tag) Human Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	POLR2F (1-127, His-tag) human recombinant protein, 0.1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSMDSNEDN FDGDDFDDVE EDEGLDDLEN AEEEGQENVE ILPSGERPQA NQKRITTPYM TKYERARVLG TRALQIAMCA PVMVELEGET DPLLIAMKEL KARKIPIIIR RYLPDGSYED WGVDELIITD
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	16.9 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1 mM DTT
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human POLR2F 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>	<u><a href="#">NP_001288058</a></u>
<b>Locus ID:</b>	5435
<b>Cytogenetics:</b>	22q13.1
<b>Synonyms:</b>	HRBP14.4; POLRF; RPABC2; RPABC14.4; RPB6; RPB14.4; RPC15



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**Summary:** This gene encodes the sixth largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. In yeast, this polymerase subunit, in combination with at least two other subunits, forms a structure that stabilizes the transcribing polymerase on the DNA template. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]

**Protein Families:** Transcription Factors

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

### Product images:

