

## Product datasheet for **AR50721PU-N**

### **POLR3F (1-316, His-tag) Human Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	POLR3F (1-316, His-tag) human recombinant protein, 0.5 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSMAEVKVK VQPPDADPVE IENRIIELCH QFPHGITDQV IQNEMPHIEA QQRAVAINRL LSMGQLDLLR SNTGLLYRIK DSQNAGKMKG SDNQEKL VYQ IIEDAGNKGI WSRDIRYKSN LPLTEINKIL KNLESKLIK AVKVAASKK KVMYMLYNLQP DRSVTGGAWY SDQDFESEFV EVLNQQCFKF LQSKAETARE SKQNPMIQRN SSFASSEVW KYICELGISK VELSMEDIET ILNTLIYDGK VEMTIIAAKE GTVGSVDGHM KLYRAVNPII PPTGLVRAPC GLCPVFDDCH EGGEISPSNC IYMTEWLEF
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	38.1 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>90% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 30% glycerol, 1 mM DTT
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human POLR3F 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_001269455</a>
<b>Locus ID:</b>	10621
<b>UniProt ID:</b>	<a href="#">Q9H1D9</a> , <a href="#">Q05DB8</a>
<b>Cytogenetics:</b>	20p11.23
<b>Synonyms:</b>	C34; RPC6; RPC39



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**Summary:** The protein encoded by this gene is one of more than a dozen subunits forming eukaryotic RNA polymerase III (RNA Pol III), which transcribes 5S ribosomal RNA and tRNA genes. This protein has been shown to bind both TFIIIB90 and TBP, two subunits of RNA polymerase III transcription initiation factor IIIB (TFIIIB). Unlike most of the other RNA Pol III subunits, the encoded protein is unique to this polymerase. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]

**Protein Families:** Transcription Factors

**Protein Pathways:** Cytosolic DNA-sensing pathway, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase

**Product images:**

