

Product datasheet for AR50721PU-S

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

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

Product data:

Product Type: Recombinant Proteins

Description: POLR3F (1-316, His-tag) human recombinant protein, 0.1 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMAEVKVK VQPPDADPVE IENRIIELCH QFPHGITDQV IQNEMPHIEA QQRAVAINRL LSMGQLDLLR SNTGLLYRIK DSQNAGKMKG SDNQEKLVYQ

IIEDAGNKGI WSRDIRYKSN LPLTEINKIL KNLESKKLIK AVKSVAASKK KVYMLYNLQP DRSVTGGAWY

SDQDFESEFV EVLNQQCFKF LQSKAETARE SKQNPMIQRN SSFASSHEVW KYICELGISK

VELSMEDIET ILNTLIYDGK VEMTIIAAKE GTVGSVDGHM KLYRAVNPII PPTGLVRAPC GLCPVFDDCH

EGGEISPSNC IYMTEWLEF

Tag: His-tag
Predicted MW: 38.1 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, 30% glycerol, 1 mM DTT

Preparation: Liquid purified protein

Protein Description: Recombinant human POLR3F 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.

RefSeg: NP 001269455

Locus ID: 10621

UniProt ID: Q9H1D9, Q05DB8

Cytogenetics: 20p11.23

Synonyms: C34; RPC6; RPC39





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

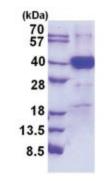
transcript variants. [provided by RefSeq, Sep 2013]

Protein Families: Transcription Factors

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

metabolism, RNA polymerase

Product images:



15% SDS-PAGE (3ug)