

## Product datasheet for AR51544PU-S

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### POLR2C (1-275, His-tag) Human Protein

**Product data:** 

**Product Type: Recombinant Proteins** 

**Description:** POLR2C (1-275, His-tag) human recombinant protein, 0.1 mg

Species: Human E. coli **Expression Host:** 

**Expression cDNA Clone** 

MGSSHHHHHH SSGLVPRGSH MGSMPYANQP TVRITELTDE NVKFIIENTD LAVANSIRRV FIAEVPIIAI or AA Sequence: DWVQIDANSS VLHDEFIAHR LGLIPLISDD IVDKLQYSRD CTCEEFCPEC SVEFTLDVRC NEDQTRHVTS

> RDLISNSPRV IPVTSRNRDN DPNDYVEQDD ILIVKLRKGQ ELRLRAYAKK GFGKEHAKWN PTAGVAFEYD PDNALRHTVY PKPEEWPKSE YSELDEDESO APYDPNGKPE RFYYNVESCG

SLRPETIVLS ALSGLKKKLS DLQTQLSHEI QSDVLTIN

Tag: His-tag Predicted MW: 33.8 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 10% glycerol 1 mM DTT, 0.1M NaCl

Liquid purified protein Preparation:

**Protein Description:** Recombinant human POLR2C 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 116558

Locus ID: 5432

**UniProt ID:** P19387, Q6FGR6

Cytogenetics: 16q21

Synonyms: hRPB33; hsRPB3; RPB3; RPB31





#### POLR2C (1-275, His-tag) Human Protein - AR51544PU-S

Summary: This gene encodes the third largest subunit of RNA polymerase II, the polymerase responsible

for synthesizing messenger RNA in eukaryotes. The product of this gene contains a cysteine rich region and exists as a heterodimer with another polymerase subunit, POLR2J. These two subunits form a core subassembly unit of the polymerase. A pseudogene has been identified

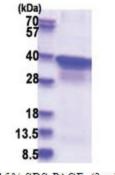
on chromosome 21. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Transcription Factors

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

polymerase

#### **Product images:**



15% SDS-PAGE (3ug)