

Product datasheet for **AR51544PU-N**

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

Product data:

Product Type:	Recombinant Proteins
Description:	POLR2C (1-275, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMPYANQP TVRITELTDE NVKFIIENTD LAVANSIRRV FIAEVPIIAI DWVQIDANSS VLHDEFIAHR LGLIPLISDD IVDKLQYSRD CTCEEFCEPEC SVEFTLDVRC NEDQTRHVTS RDLISNSPRV IPVTSRNRDN DPNDYVEQDD ILIVKLRKGQ ELRLRAYAKK GFGKEHAKWN PTAGVAFEYD PDNALRHTVY PKPEEWPKSE YSELDEDESQ 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
Preparation:	Liquid purified protein
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



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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:

