

# Product datasheet for AR51573PU-N

### POLR1C (1-349, His-tag) Human Protein

#### **Product data:**

#### 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

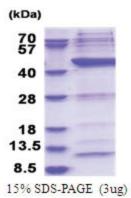
Product Type:	Recombinant Proteins
Description:	POLR1C (1-349, His-tag) human recombinant protein, 0.25 mg
-	
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAASQAV EEMRSRVVLG EFGVRNVHTT DFPGNYSGYD DAWDQDRFEK NFRVDVVHMD ENSLEFDMVG IDAAIANAFR RILLAEVPTM AVEKVLVYNN TSIVQDEILA HRLGLIPIHA DPRLFEYRNQ GDEEGTEIDT LQFRLQVRCT RNPHAAKDSS DPNELYVNHK VYTRHMTWIP LGNQADLFPE GTIRPVHDDI LIAQLRPGQE IDLLMHCVKG IGKDHAKFSP VATASYRLLP DITLLEPVEG EAAEELSRCF SPGVIEVQEV QGKKVARVAN PRLDTFSREI FRNEKLKKVV RLARVRDHYI FSVESTGVLP PDVLVSEAIK VLMGKCRRFL DELDAVQMD
Tag:	His-tag
Predicted MW:	41.6 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	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
Preparation:	Liquid purified protein
Protein Description:	Recombinant human POLR1C 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:	<u>NP 001305805</u>
Locus ID:	9533
UniProt ID:	<u>O15160</u> , <u>O15160-2</u>
Cytogenetics:	6p21.1



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	POLR1C (1-349, His-tag) Human Protein – AR51573PU-N
Synonyms:	AC40; HLD11; RPA5; RPA39; RPA40; RPAC1; RPC40; TCS3
Summary:	The protein encoded by this gene is a subunit of both RNA polymerase I and RNA polymerase III complexes. The encoded protein is part of the Pol core element. Mutations in this gene have been associated with Treacher Collins syndrome (TCS) and hypomyelinating leukodystrophy 11. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]
Protein Families	: Druggable Genome, Stem cell - Pluripotency, Transcription Factors
Protein Pathway	<b>/s:</b> Cytosolic DNA-sensing pathway, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase

## Product images:



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