

Product datasheet for **AR51573PU-N**

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

Product data:

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 DPRLFYRNQ GDEEGTEIDT LQFRLQVRCT RNPAAKDSS DPNELYVNHK VYTRHMTWIP LGNQADLFPE GTIRPVHDDI LIAQLRPGQE IDLLMHCVKG IGKDHAKEFSP VATASYRLLP DITLLEPVEG EAAEELSRCF SPGVIEVQEV QGKKVARVAN PRLDTSFREI FRNEKLLKVV RLARVRDHYI FSVESTGVLP PDVLVSEAIK VLMGKCRRL 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:	NP_001305805
Locus ID:	9533
UniProt ID:	O15160 , O15160-2
Cytogenetics:	6p21.1



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

Product images:

