

Recombinant Human POLR1C, His-tagged

Cat. No. POLR1C-28614TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 1-174 of Human POLR1C with N terminal His tag; MWt 20kDa.
Species	Human
Source	E.coli
ProteinLength	1-174 a.a.
Description	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. Defects in this gene have been associated with Treacher Collins syndrome (TCS).
Conjugation	HIS
Form	Lyophilised:Reconstitute with 128 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MAASQAVEEMRSRVVLGEFGVRNVHTTDFPGNYSYDDAW DQDRFEKNFRVDVV HMDENSLEFDMVGIDAAIANAFRR ILLAEVPTMAVEKVLVYNNTSIVQDEILAHRLGLI PIH ADPRLFHEYRNQGDEEGTEIDTLQFRLQVRCTRNPAAK DSSDPNELYVNHKVV

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TRHMT

GENE INFORMATION

Gene Name	POLR1C polymerase (RNA) I polypeptide C, 30kDa [Homo sapiens]
Official Symbol	POLR1C
Synonyms	POLR1C; polymerase (RNA) I polypeptide C, 30kDa; DNA-directed RNA polymerases I and III subunit RPAC1; RPA5; RPA39; RPA40; RPAC1;
Gene ID	9533
mRNA Refseq	NM_203290
Protein Refseq	NP_976035
MIM	610060
Uniprot ID	O15160
Chromosome Location	6p21.1
Pathway	Cytosolic DNA-sensing pathway, organism-specific biosystem; Cytosolic DNA-sensing pathway, conserved biosystem; Metabolic pathways, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem;
Function	DNA binding; DNA-directed RNA polymerase activity; protein dimerization activity;

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