

Product information



POLR1C, 1-346aa

Human, His-tagged, Recombinant, *E.coli*

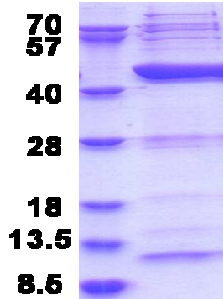
Cat. No. IBATGP2753

Full name: DNA-directed RNA polymerases I and III subunit RPAC1

NCBI Accession No.: NP_976035

Synonym: RP3-337H4.4, RPA39, RPA40, RPA5, RPAC1, TCS3

Description: POLR1C 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). Recombinant human POLR1C protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

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|---|---|
| <p>Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT</p> <p>Molecular Weight: 41.6 kDa (369aa) confirmed by MALDI-TOF</p> <p>Purity: > 80% by SDS - PAGE</p> <p>Concentration: 0.5 mg/ml (determined by Bradford assay)</p> | <p>(kDa)</p>  <p>15% SDS-PAGE (3ug)</p> |
| <p>Sequences of amino acids:</p> <p>MGSSHHHHH SSGLVPRGSH MGSMAASQAV EEMRSRVVLG EFGVRNVHTT DFPGNYSYD DAWDQDRFEK NFRVDVVHMD ENSLEFDMVG IDAAIANAFR RILLAEVPTM AVEKVLVYNN TSIVQDEILA HRLGLIPIHA DPRLFYRNQ GDEEGTEIDT LQFRLQVRCT RNPAAKDSS DPNELYVNHK VYTRHMTWIP LGNQADLFPE GTIRPVHDDI LIAQLRPGQE IDLLMHCVKG IGKDHAKFSP VATASYRLLP DITLLEPVEG EAAEELSRCF SPGVIEVQEV QGKKVARVAN PRLDTFSREI FRNEKLLKVV RLARVRDHYI FSVESTGVLP PDVLVSEAIK VLMGKCRRL DELDAVQMD</p> | |

General references:

Hu P., *et al* (2002). Mol. Cell. Biol. 22:8044-8055

Dauwerse J.G., *et al* (2011). Nat. Genet. 43:20-22

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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