

Recombinant Human POLR1C Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. POLR1C-2762H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	POLR1C MS Standard C13 and N15-labeled recombinant protein (NP_976035) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. Mutations in this gene have been associated with Treacher Collins syndrome (TCS) and hypomyelinating leukodystrophy 11. Alternative splicing results in multiple transcript variants.
Molecular Mass	39.2 kDa
AA Sequence	MAASQAVEEMRSRVVLGEFGVRNVHTTDFPGNYSYDDAWDQDRFEKNFRVDVV HMDENSLEFDMVGIDAAIANAFRRILLAEVPTMAVEKVLVYNNTSIVQDEILAHRLGLI PIHADPRLFEYRNQGDEEGTEIDTLQFRLQVRCTRNPAAKDSSDPNELVNHKVVY RHMTWIPLGNQADLFPEGTIRPVHDDILIAQLRPGQEIDLLMHCVKGIGKDHAKFSPV ATASYRLLPDITLLEPVEGEAAEELSRCSFSPGVIEVQEVQGKKVARVANPRLDTSRE IFRNEKLKKVRLARVRDHYIFSVESTGVLPPDVLVSEAIKVLGMGKCRRFLDELDAVQ MDTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

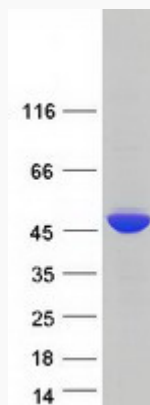
GENE INFORMATION

Gene Name	POLR1C RNA polymerase I and III subunit C [Homo sapiens (human)]
Official Symbol	POLR1C
Synonyms	POLR1C; polymerase (RNA) I polypeptide C, 30kDa; DNA-directed RNA polymerases I and III subunit RPAC1; RPA5; RPA39; RPA40; RPAC1; AC40; RPC40; RNA polymerases I and III subunit AC1; DNA-directed RNA polymerase I subunit C; DNA-directed RNA polymerases I and III 40 kDa polypeptide; TCS3; RP3-337H4.4;
Gene ID	9533
mRNA Refseq	NM_203290
Protein Refseq	NP_976035
MIM	610060
UniProt ID	O15160

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SDS-PAGE

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