

Recombinant Mouse Polr1c Protein, Myc/DDK-tagged

Cat. No. Polr1c-4993M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length polymerase (RNA) I polypeptide C (Polr1c), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Common component of RNA polymerases I and III which synthesize ribosomal RNA precursors and small RNAs, such as 5S rRNA and tRNAs, respectively. RPAC1 is part of the Pol core element with the central large cleft and probably a clamp element that moves to open and close the cleft.
Molecular Mass	39.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Polr1c polymerase (RNA) I polypeptide C [Mus musculus (house mouse)]

Official Symbol Polr1c

Synonyms

POLR1C; polymerase (RNA) I polypeptide C; DNA-directed RNA polymerases I and III subunit RPAC1; AC40; RPC40; RNA polymerase 1-1 (40 kDa subunit); RNA polymerases I and III subunit AC1; DNA-directed RNA polymerase I subunit C; DNA-directed RNA polymerases I and III 40 kDa polypeptide; 40kDa; RPA40; Polr1e; Rpo1-1; AA409007; AA959927; AL024089; MGC161175

Gene ID 20016

mRNA Refseq NM_009085

Protein Refseq NP_033111

UniProt ID P52432

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