

Recombinant Mouse Polr1e Protein, Myc/DDK-tagged

Cat. No. Polr1e-4995M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length polymerase (RNA) I polypeptide E (cDNA clone MGC:35831 IMAGE:4022372), complete cds, 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. Component of RNA polymerase I which synthesizes ribosomal RNA precursors. Appears to be involved in the formation of the initiation complex at the promoter by mediating the interaction between Pol I and UBTF/UBF.
Molecular Mass	54.1 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 Polr1e polymerase (RNA) I polypeptide E [Mus musculus (house mouse)]

Official Symbol Polr1e

Synonyms

POLR1E; polymerase (RNA) I polypeptide E; DNA-directed RNA polymerase I subunit RPA49; RNA polymerase I subunit A49; RNA polymerase I-associated factor 1; RNA polymerase I-associated factor 53; polymerase (RNA) I associated factor 1; DNA-directed RNA polymerase I subunit E; RNA polymerase I associated factor (Paf53); 53kDa; Paf53; Praf1; AU042259; D030019D19Rik

Gene ID 64424

mRNA Refseq NM_022811

Protein Refseq NP_073722

UniProt ID Q8K202

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