

Recombinant Mouse Polr2l Protein, Myc/DDK-tagged

Cat. No. Polr2l-5002M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length polymerase (RNA) II (DNA directed) polypeptide L (Polr2l), 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, II and III which synthesize ribosomal RNA precursors, mRNA precursors and many functional non-coding RNAs, and a small RNAs, such as 5S rRNA and tRNAs, respectively. Pol II is the central component of the basal RNA polymerase II transcription machinery. Pols are composed of mobile elements that move relative to each other. In Pol II, POLR2L/RBP10 is part of the core element with the central large cleft.
Molecular Mass	8.1 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.

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Concentration >50 µg/mL as determined by microplate BCA method

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

GENE INFORMATION

Gene Name Polr2l polymerase (RNA) II (DNA directed) polypeptide L [Mus musculus (house mouse)]

Official Symbol Polr2l

Synonyms POLR2L; polymerase (RNA) II (DNA directed) polypeptide L; DNA-directed RNA polymerases I, II, and III subunit RPABC5; RPB10 homolog; DNA-directed RNA polymerase III subunit L; RNA polymerases I, II, and III subunit ABC5; 2510029B14Rik

Gene ID 66491

mRNA Refseq NM_025593

Protein Refseq NP_079869

UniProt ID P62876

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