

Recombinant Mouse Polr2j Protein, Myc/DDK-tagged

Cat. No. Polr2j-5000M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length polymerase (RNA) II (DNA directed) polypeptide J (Polr2j), 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 II which synthesizes mRNA precursors and many functional non-coding RNAs. Pol II is the central component of the basal RNA polymerase II transcription machinery. It is composed of mobile elements that move relative to each other. RPB11 is part of the core element with the central large cleft.
Molecular Mass	13.3 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

GENE INFORMATION

Gene Name Polr2j polymerase (RNA) II (DNA directed) polypeptide J [Mus musculus (house mouse)]

Official Symbol Polr2j

Synonyms POLR2J; polymerase (RNA) II (DNA directed) polypeptide J; DNA-directed RNA polymerase II subunit RPB11; RPB14; RNA polymerase II subunit B11; RNA polymerase II subunit RPB14; RNA polymerase II 13.3 kDa subunit; RNA polymerase II 4 (14 kDa subunit); DNA-directed RNA polymerase II subunit J; polymerase (RNA) II (DNA directed) polypeptide I; DNA-directed RNA polymerase II 13.3 kDa polypeptide; Polr2i; Rpb11a; Rpo2-4; 14.5kDa

Gene ID 20022

mRNA Refseq NM_011293

Protein Refseq NP_035423

UniProt ID Q3TYI2

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