

Recombinant Mouse Polr1d Protein, Myc/DDK-tagged

Cat. No. Polr1d-4994M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length polymerase (RNA) I polypeptide D (Polr1d), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes an RNA polymerase subunit that is a component of both the RNA polymerase I and RNA polymerase III complexes. RNA polymerase I is associated with transcription of pre-ribosomal RNAs, while RNA polymerase III is associated with transcription of small RNAs. Pseudogenes of this gene have been defined on chromosomes 4 and 6. Alternative splicing results in multiple transcript variants.
Molecular Mass	14.9 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 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

GENE INFORMATION

Gene Name	Polr1d polymerase (RNA) I polypeptide D [Mus musculus (house mouse)]
Official Symbol	Polr1d
Synonyms	POLR1D; polymerase (RNA) I polypeptide D; DNA-directed RNA polymerases I and III subunit RPAC2; AC19; RPA16; snoRNA MBI-50; RNA polymerase 1-3; RNA polymerase I 16 kDa subunit; RNA polymerases I and III subunit AC2; DNA-directed RNA polymerase I subunit D; DNA-directed RNA polymerase I 16 kDa polypeptide; 16kDa; C81327; Rpo1-3; mRPA16; AU018636; 1110003G10Rik; MGC107156
Gene ID	20018
mRNA Refseq	NM_181730
Protein Refseq	NP_859419
UniProt ID	Q9D1M1

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