Recombinant Mouse Rprd1a Protein, Myc/DDK-tagged

Cat. No. Rprd1a-5599M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length regulation of nuclear pre-mRNA domain containing 1A (Rprd1a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Interacts with phosphorylated C-terminal heptapeptide repeat domain (CTD) of the largest RNA polymerase II subunit POLR2A, and participates in dephosphorylation of the CTD by RPAP2. May act as a negative regulator of cyclin-D1 (CCND1) and cyclin-E (CCNE1) in the cell cycle.
Molecular Mass	35.7 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	Rprd1a regulation of nuclear pre-mRNA domain containing 1A [Mus musculus (house mouse)]
Official Symbol	Rprd1a
Synonyms	RPRD1A; regulation of nuclear pre-mRNA domain containing 1A; regulation of nuclear pre-mRNA domain-containing protein 1A; p15INK4B-related protein; cyclin-dependent kinase inhibitor 2B-related protein; C77387; mKIAA4077; KIAA4077; MGC29396; MGC36325
Gene ID	225283
mRNA Refseq	NM_144861
Protein Refseq	NP_659110
UniProt ID	Q8VDS4

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