Recombinant Human RPRD1A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RPRD1A-2264H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RPRD1A MS Standard C13 and N15-labeled recombinant protein (NP_060640) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a cell-cycle and transcription regulatory protein. The encoded protein interacts with the cell cycle inhibitor cyclin-dependent kinase 4 inhibitor B and may function as a negative regulator of G(1)/S phase progression. This protein also forms homo- and hetrodimers with the protein, regulation of nuclear pre-mRNA domain-containing protein 1B, to form a scaffold that interacts with the C-terminal domain of RNA polymerase II subunit B1 and regulates several aspects of transcription. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 16.
Molecular Mass	35.5 kDa
AA Sequence	MSAFSEAALEKKLSELSNSQQSVQTLSLWLIHHRKHSRPIVTVWERELRKAKPNRKL TFLYLANDVIQNSKRKGPEFTKDFAPVIVEAFKHVSSETDESCKKHLGRVLSIWEERS VYENDVLEQLKQALYGDKKPRKRTYEQIKVDENENCSSLGSPSEPPQTLDLVRALQ DLENAASGDAAVHQRIASLPVEVQEVSLLDKITDKESGERLSKMVEDACMLLADYNG RLAAEIDDRKQLTRMLADFLRCQKEALAEKEHKLEEYKRKLARVSLVRKELRSRIQSL

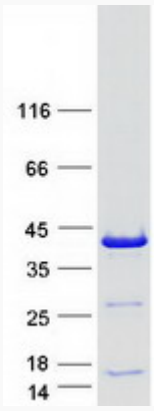
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	PDLSRLPNVTGSHMHLPFAGDIYSEDTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	RPRD1A regulation of nuclear pre-mRNA domain containing 1A [Homo sapiens (human)]
Official Symbol	RPRD1A
Synonyms	RPRD1A; regulation of nuclear pre-mRNA domain containing 1A; regulation of nuclear pre-mRNA domain-containing protein 1A; cyclin dependent kinase 2B inhibitor related protein; Cyclin dependent kinase inhibitor 2B related protein (p15INK4B related protein); FLJ10656; HsT3101; P15RS; p15INK4B-related protein; cyclin-dependent kinase 2B-inhibitor-related protein; Cyclin-dependent kinase inhibitor 2B-related protein (p15INK4B-related protein); MGC19513;
Gene ID	55197
mRNA Refseq	NM_018170

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Protein Refseq	NP_060640
MIM	610347
UniProt ID	Q96P16
SDS-PAGE	

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