9051 Mira Mesa Blvd, #910094
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RPRD1A Human

Regulation Of Nuclear Pre-MRNA Domain Containing 1A Human Recombinant RCP1908

Product Overview

Name	RPRD1A Human

Description

Regulation Of Nuclear Pre-MRNA Domain Containing 1A Human Recombinant

Accession (Primary)	Q96P16

Synonyms

Regulation of Nuclear Pre-MRNA Domain Containing 1A, RPRD1A, P15RS, Cyclin-Dependent Kinase 2B-Inhibitor-Related Protein, Cyclin-Dependent Kinase Inhibitor 2B-Related Protein (P15INK4B-Related Protein), P15INK4B-Related Protein, HsT3101, Regulation of Nuclear Pre-MRNA Domain-Containing Protein 1A, Cyclin-Dependent Kinase Inhibitor 2B-Related Protein, FLJ10656.

Introduction

Regulation Of Nuclear Pre-MRNA Domain Containing 1A (RPRD1A) is upregulated in cells overexpressing cyclin-dependent kinase inhibitor p15(INK4b) and may have a part in cell cycle regulation. RPRD1A interacts with phosphorylated C-terminal heptapeptide repeat domain (CTD) of the largest RNA polymerase II subunit POLR2A, and partakes in dephosphorylation of the CTD. RPRD1A May function as a negative regulator of cyclin-D1 (CCND1) and cyclin-E (CCNE1) in the cell cycle.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

The RPRD1A solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGSEF MSAFS EAALEKKLSE LSNSQQSVQT LSLWLIHHRK HSRPIVTVWE

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RELRKAKPNR KLTFLYLAND VIQNSKRKGP EFTKDFAPVI VEAFKHVSSE TDESCKKHLG RVLSIWEERS VYENDVLEQL KQALYGDKKP RKRTYEQIKV DENENCSSLG SPSEPPQTLD LVRALQDLEN AASGDAAVHQ RIASLPVEVQ EVSLLDKITD KESGERLSKM VEDACMLLAD YNGRLAAEID DRKQLTRMLA DFLRCQKEAL AEKEHKLEEY KRKLARVSLV RKELRSRIQS LPDLSRLPNV TGSHMHLPFA GDIYSED.

Precautions

RPRD1A Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96P16)