

32-4693: Recombinant Human Regulation Of Nuclear Pre-mRNA Domain Containing 1A

Alternative Name : 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 o

Description

Source : Escherichia Coli. RPRD1A Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 337 amino acids (1-312) and having a molecular mass of 38.4 kDa. RPRD1A is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount : 20 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

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

Storage condition : 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.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSEFM SAFS EAALEKKLSE LSNSQQSVQT LSLWLIHHRK HSRPIVTVWE RELRKAKPNR KLTFLYLAND VIQNSKRKGP EFTKDFAPVI VEA FKHVSSE TDESCKKHLG RVLSIWEERS VYENDVLEQL KQALYGDKKP RKRTYEQIKV DENENCSSLG SPSEPPQTL D LVRALQDLEN AASGDAAVHQ RIASLPVEVQ EVSLLDKITD KESGERLSKM VEDACMLLAD YNGRLAAEID DRKQLTRMLA DFLRCQKEAL AEKEHKLEEY KRKLARVSLV RKELRSRIQS LPDLSRLPNV TGS MHLPFA GDIYSED.

