

Recombinant human RPRD1A protein

Catalog Number: ATGP2648

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-312aa

UniProt No.

Q96P16

NCBI Accession No.

NP_060640

Alternative Names

Regulation of nuclear pre-mRNA domain-containing protein 1A, Regulation of nuclear pre-mRNA domain containing 1A, HsT3101, P15RS

PRODUCT SPECIFICATION

Molecular Weight

38.4 kDa (337aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

RPRD1A is upregulated in cells overexpressing cyclin-dependent kinase inhibitor p15 (INK4b) and may have a role in cell cycle regulation. Recombinant human RPRD1A protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHHH SGLVPRGSH MGSEFMSAFS EAALEKKLSE LSNSQQSVQT LSLWLIHHRK HSRPIVTVWE RELRKAKPNR

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KLTFLYLAND VIQNSKRKGP EFTKDFAPVI VEAFLKHSSE TDESCCKHLG RVLSIWEERS VYENDVLEQL KQALYGDKKP
RKRTYEQIKV DENENCSSLG SPSEPPQTLD LVRALQDLEN AASGDAAVHQ RIASLPVEVQ EVSLLDKITD KESGERLSKM
VEDACMLLAD YNGRLAAEID DRKQLTRMLA DFLRCQKEAL AEKEHKLEEY KRKLARVSLV RKELRSRIQS LPDLSRLPNV
TGSMMHLPFA GDIYSED

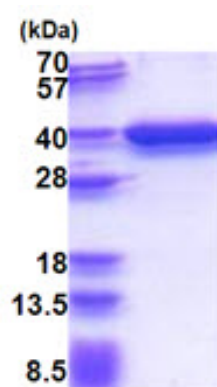
General References

Liu J., Liu H., Zhang X., et al. (2002) *Biochem. Biophys. Res. Commun.* 299:880-885

Ni Z., Olsen J.B., et al. (2011) *Transcription* 2:237-242

DATA

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3 μ g)