

Product datasheet for TP312551L

P15RS (RPRD1A) (NM_018170) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human regulation of nuclear pre-mRNA domain containing 1A (RPRD1A), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212551 representing NM_018170 <div> <div>Red</div>=Cloning site <div>Green</div>=Tags(s) </div> <p>MSAFSEAALKKLELSNSQQSVQTLWLIIHHRKHSRPIVTWVERELRKAKPNRKLTFlyLANDVIQNS KRKGPEFTKDFAPVIVEAFKHVSSETDESCKKHLGRVLSIWEERSVYENDVLEQLKQALYGDKKPRKRTY EQIKVDENENCSSLGSPSEPPQTLDLVRALQDLENAASGDAAVHQRIASLPVEVQEVSLLDKITDKESGE RLSKMVEDACMLLADYNGRLAAEIDDRKQLTRMLADFLRCQKEALAEKEHKLEEKYKRKLARVSLVRKELR SRIQSLPDL SRLPNVTGSHMHLFPAGDIYSED</p> <div> <div>TR</div>TRPLE <div>QKLI</div>SEEDLA <div>AND</div>ILDYK <div>DDDD</div>DKV </div>
Tag:	C-Myc/DDK
Predicted MW:	35.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_060640</u>
Locus ID:	55197


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UniProt ID: [Q96P16](#)

RefSeq Size: 4284

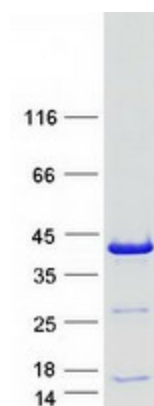
Cytogenetics: 18q12.2

RefSeq ORF: 936

Synonyms: HsT3101; P15RS

Summary: 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 heterodimers 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. [provided by RefSeq, Dec 2014]

Product images:



Coomassie blue staining of purified RPRD1A protein (Cat# TP312551). The protein was produced from HEK293T cells transfected with RPRD1A cDNA clone (Cat# RC212551) using MegaTran 2.0 (Cat# TT210002).