

## Product datasheet for **TP503237**

### Rita1 (NM\_133908) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RBPJ interacting and tubulin associated 1 (Rita1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203237 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MKALHLQHRSPYSYRVKARASYVDETLFGSPARTRPAQPDFDPPWVQNCNRSRGVGP GPPKGS LAKRDCE  
SPSSRGSTPNLTPRKKNKYRLIGHAPSYCDESLFGTSKEGSRMAVGDAAKLRTLFWTPPATPRGSHTPCP  
RETPLRAIHPAGPSRTEPRVTAGSQMSSQDGLCVPCSLGQRRSHSLH LTVPSTGHPASSAPQTNGPWSP  
RPNTSGATVQSPLVTSKACSGRVSGPAPRRGACPPKPKPPWK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	27.1 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
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 after receiving vials.
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:	<a href="#">NP_598669</a>
Locus ID:	100764
UniProt ID:	<a href="#">Q9D1H0</a>
RefSeq Size:	1668



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**Cytogenetics:** 5 F

**RefSeq ORF:** 762

**Synonyms:** 1110008J03Rik; AI853657; C86297; Rita

**Summary:** Tubulin-binding protein that acts as a negative regulator of Notch signaling pathway. Shuttles between the cytoplasm and the nucleus and mediates the nuclear export of RBPJ/RBPSUH, thereby preventing the interaction between RBPJ/RBPSUH and NICD product of Notch proteins (Notch intracellular domain), leading to down-regulate Notch-mediated transcription. May play a role in neurogenesis (By similarity).[UniProtKB/Swiss-Prot Function]