

Recombinant Mouse Rita1 Protein, MYC/DDK-tagged

Cat. No. Rita1-168M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse RBPJ interacting and tubulin associated 1 (Rita1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	27.1 kDa
Purity	>80%, as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Rita1 RBPJ interacting and tubulin associated 1 [Mus musculus (house mouse)]
Official Symbol	Rita1
Synonyms	Rita1; RBPJ interacting and tubulin associated 1; Rita; C86297; AI853657; 1110008J03Rik; RBPJ-interacting and tubulin-associated protein 1
Gene ID	100764
mRNA Refseq	NM_133908
Protein Refseq	NP_598669
UniProt ID	Q9D1H0

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