

Recombinant Mouse Rccd1 Protein, Myc/DDK-tagged

Cat. No. Rccd1-5436M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RCC1 domain containing 1 (Rccd1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in transcriptional repression of satellite repeats, possibly by regulating H3K36 methylation levels in centromeric regions together with KDM8. Possibly together with KDM8, is involved in proper mitotic spindle organization and chromosome segregation. Plays a role in regulating alpha-tubulin deacetylation and cytoskeletal microtubule stability, thereby promoting cell migration and TGF-beta-induced epithelial to mesenchymal transition (EMT), potentially through the inhibition of KDM8.
Molecular Mass	40.6 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 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Rccd1 RCC1 domain containing 1 [Mus musculus (house mouse)]
Official Symbol	Rccd1
Synonyms	Rccd1; RCC1 domain containing 1; 5830436H09; E430018M08Rik; RCC1 domain-containing protein 1
Gene ID	269955
mRNA Refseq	NM_173445
Protein Refseq	NP_775621
UniProt ID	Q8BTU7

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