

Recombinant Mouse Rnmt Protein, Myc/DDK-tagged

Cat. No. Rnmt-5562M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RNA (guanine-7-) methyltransferase (Rnmt), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalytic subunit of the mRNA-capping methyltransferase RNMT:RAMAC complex that methylates the N7 position of the added guanosine to the 5'-cap structure of mRNAs. Binds RNA containing 5'-terminal GpppC.
Molecular Mass	53.3 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Rnmt RNA (guanine-7-) methyltransferase [Mus musculus (house mouse)]
Official Symbol	Rnmt
Synonyms	RNMT; RNA (guanine-7-) methyltransferase; mRNA cap guanine-N7 methyltransferase; mRNA cap methyltransferase; mRNA (guanine-N(7)-)-methyltransferase; Rg7mt1; AI848273; mKIAA0398; 2610002P10Rik
Gene ID	67897
mRNA Refseq	NM_026440
Protein Refseq	NP_080716
UniProt ID	Q9D0L8

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