

Recombinant Mouse Dnttip1 Protein, Myc/DDK-tagged

Cat. No. Dnttip1-2626M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length deoxynucleotidyltransferase, terminal, interacting protein 1 (Dnttip1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Increases DNTT terminal deoxynucleotidyltransferase activity (in vitro). Also acts as a transcriptional regulator, binding to the consensus sequence 5'-GNTGCATG-3' following an AT-tract. Associates with RAB20 promoter and positively regulates its transcription. Binds DNA and nucleosomes; may recruit HDAC1 complexes to nucleosomes or naked DNA.
Molecular Mass	36.9 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	Dnttip1 deoxynucleotidyltransferase, terminal, interacting protein 1 [Mus musculus (house mouse)]
Official Symbol	Dnttip1
Synonyms	DNTTIP1; deoxynucleotidyltransferase, terminal, interacting protein 1; deoxynucleotidyltransferase terminal-interacting protein 1; tdIF1; tdT-interacting factor 1; terminal deoxynucleotidyltransferase-interacting factor 1; 6430706C13Rik
Gene ID	76233
mRNA Refseq	NM_133763
Protein Refseq	NP_598524
UniProt ID	Q99LB0

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