

## Product datasheet for **TP504812**

### Dnttip1 (NM\_133763) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse deoxynucleotidyltransferase, terminal, interacting protein 1 (Dnttip1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204812 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MGATGDTEQPRGPGGAERGGLELGDAGAAGQPVLTPWNIMIKHRQVQRRGRRSQMTTSFTDPAISMDLL RAVLQPSINEEIQGVFNKYMKFFQKAALNVRDNGVEEVD AEQLIQEACRSCLEQAKLLFSDGKVIPRLA HELPGIKRGRQAEESHARGSPIPKKRKGRPPGHVLSNDRAAAGMVWKQKSCEPIRREGPKWDPARLNEST TFVLGSRANKALGMGGTRGRIYIKHPLFKYAADPQDKHWLAEQHMMRATGGKMAYLLIEEDIRDLAASD DYRGCLDLKLEELKSFVLP SWMVEKMRKYMETLRTENEHRAAEAPPQT  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	36.9 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_598524</a>
Locus ID:	76233
UniProt ID:	<a href="#">Q99LB0</a> , <a href="#">Q3THA4</a>



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RefSeq Size: 1257

Cytogenetics: 2 H3

RefSeq ORF: 987

Synonyms: 6430706C13Rik

**Summary:** 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.[UniProtKB/Swiss-Prot Function]