

Product datasheet for MC200447

Dnttip1 (NM_133763) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnttip1 (NM_133763) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dnttip1
Synonyms:	6430706C13Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC003486 sequence for NM_133763 GCTGAGTCGAGCTGAGGTTGTTGTGGCCGGGGGCGCCATGGGGGCGACTGGCGACACCGAGCAGCCG GGGGCCCGGGCGGGGCGGAGCGAGGTGGCCTGGAGCTGGGCGACGCGGGCGGGCCAGCCGGTTCT CACGAACCCTTGGAAACATAATGATAAAAACATCGGCAGGTGCAGCGAAGGGCCGCGGATCTCAGATGACC ACAAGTTTCACAGACCCAGCCATCTCTATGGATCTCCTCCGTGCTGCTCCTGCAGCCTAGCATCAATGAGG AGATCCAGGGTGTCTTCAACAAGTACATGAAGTTCTTCCAGAAGGCAGCGCTGAATGTGCGAGACAATGT TGGGGAAGAAGTGGACGCAGAGCAGTTGATTTCAGGAGGCCTGCCGAGCTGCCTGGAGCAGGCAAAGCTG CTCTTTTCTGATGGAGAGAAAGTATACCCAGATTGGCCATGAGCTTCCAGGGATCAAGCGGGGCCGGC AAGCAGAAGAGGAGTCCCACCGAGGAAGCCCCATTCCCAAAAAGAGGAAAGGTGGCCTCCTGGACACGT CCTGTCAAATGACCGCGCAGCTGCTGGCATGGTATGGAACAAAAATCCTGTGAACCAATTCGCCGAGAA GGCCCAAGTGGGACCCAGCTCGGCTGAATGAATCTACCACCTTTGTTTTGGGGTCTCGAGCCAACAAGG CCTTGGGGATGGGAGGCACCAGAGGGAGAATCTACATCAAGCACCCACACCTCTTTAAGTATGCAGCAGA TCCTCAGGACAAGCACTGGCTGGCTGAGCAGCATCACATGCGGGCAACAGGCGGAAAGATGGCGTACCTT CTCATTGAAGAAGACATCCGGGACTTGGCTGCCAGCGATGACTACAGAGGATGCTTGGACCTGAAGTTGG AGGAGCTGAAATCCTTTGTTCTGCCATCCTGGATGGTTGAGAAGATGCGGAAATACATGGAGACTGCG GACAGAAAATGAGCACCGCGCTGCGGAAGCGCCTCCCCAGACCTGAGCCGGGTGCTCTGGCTACTACACT TGGCGGCTGCCTCCAAGACCCTTTTCCCCACCGGCTGAGGCCATCATGGGGATTTGGTCTAGTTGAC TCTTAACAGCATTAAAGCTGTACATGAGCTAGTTTGTAGTGACTCACTGCAGAGCACCCAGACTGGCATG TGGTTCTGTTTCTAAAGTTATTGGAATAAGAAGCAATTAACAGTTTGTAAATAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_133763
Insert Size:	987 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC003486 , AAH03486
RefSeq Size:	1257 bp
RefSeq ORF:	987 bp
Locus ID:	76233
UniProt ID:	Q99LB0
Cytogenetics:	2 H3
Gene 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]