

Product datasheet for **SC320561**

DNTTIP1 (NM_052951) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNTTIP1 (NM_052951) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNTTIP1
Synonyms:	C20orf167; dj447F3.4; Tdif1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_052951.2
GGCCGGAGGCGCCATGGGAGCCACTGGCGACCCGAGCAGCCGCGGGGACCCAGCGGGGC
CGAGAGGGGCGGCTTGGAGCTGGGGGATGCGGGCGCAGCGGGCAGCTGGTTCTTACGAA
CCCTTGGAACATAATGATAAAGCACCGGAGGTGCAGCGAGGGGCCCGCTCAGAGAT
GACAACAAGTTTTCACAGATCCTGCCATCTCCATGGATCTCCTCCGAGCTGTCTGCAGCC
CAGCATCAACGAGGAGATCCAGACTGTCTTCAACAAGTACATGAAGTTCTTCCAGAAGGC
AGCACTGAACGTGCGAGACAATGTTGGGGAGGAGGTGGACGCAGAGCAGCTGATCCAGGA
AGCCTGTCGGAGCTGCCTGGAGCAGGCTAAACTGCTCTTTTCAGATGGAGAAAAAGTAAT
ACCCAGATTGACCCATGAGCTTCCAGGAATAAAGCGTGGCCGTCAGGCAGAGAAGAATG
TGCCCATCGAGGAAGCCCCCTTCTAAAAAGAGGAAAGGACGGCCTCCTGGACACATCCT
GTCAAGCGACCGGCGAGCCCGGCATGGTATGGAACCAAAAATCCTGTGAACCAATTCCG
CCGGGAAGGCCCAAGTGGGACCCAGCTCGCCTGAATGAATCTACCACCTTTGTGTTGGG
ATCTCGAGCCAACAAAGCCCTGGGGATGGGGGACACCAGAGGAAGAATCTACATCAAGCA
CCCACACCTCTTTAAGTATGCAGCTGACCCCCAGGATAAGCACTGGCTGGCTGAGCAGCA
TCACATGCGGGCAACAGGGGCAAGATGGCCTACCTCCTCATCGAGGAGGACATCCGGGA
CCTTGGCGCCAGTGATGATTACAGAGGATGCCTGGATCTGAAGCTAGAGGAATTGAAATC
CTTTGTCCTACCCTCCTGGATGGTGGAGAAGATGAGAAAGTATATGGAGACACTACGGAC
AGAGAATGAGCATCGTGCTGTTGAAGCACCTCCACAGACCTGAGGCCGGGTCCCCGGCC
ACACTTGGCAGCCCTCCTCCAAAGCCCTTCTCCTCACGTGGCTGAGGCCACCGCTGGGAC
TGCTCCTAGATGGATCTCAGCGGCAATTAAGCTGTGCCTGAGCGAGTTTGTAGTACTCAC
TGACAGCACCCCCAGACTAGCATGTGGTTCTATATTTGTAAGTTATTGGGATAAGAAA
CAATTAACAGTTTGTAGTAACCCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AA

Restriction Sites:	Please inquire
ACCN:	NM_052951



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_052951.2</u> , <u>NP_443183.1</u>
RefSeq Size:	1317 bp
RefSeq ORF:	990 bp
Locus ID:	116092
UniProt ID:	<u>Q9H147</u>
Cytogenetics:	20q13.12
Gene Summary:	DNTTIP1 binds DNA and enhances the activity of terminal deoxynucleotidyltransferase (TDT, or DNNT; MIM 187410), a DNA polymerase that catalyzes the polymerization of DNA in the absence of a DNA template (Yamashita et al., 2001 [PubMed 11473582]).[supplied by OMIM, Mar 2008]