

Product datasheet for **SC204987**

TdT (DNNT) (NM_004088) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TdT (DNNT) (NM_004088) Human 3' UTR Clone
Symbol:	TdT
Synonyms:	TDT
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004088
Insert Size:	370 bp
Insert Sequence:	>SC204987 3'UTR clone of NM_004088 The sequence shown below is from the reference sequence of NM_004088. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TATATTGAACCGTGGGAAAGAAATGCCTAGGAAAGTGTGTCAACATTTTTTCTATTCTTTTCAAGT
TAAATAAATTATGCTTCATATTAGTAAAAGATGCCATAGGAGAGTTTGGGGTTATTTAGGTCTTATTGA
AATGCAGATTGCTACTAGAAATAAATAACTTTGAAAACATGGGAAGGTGCCACTGGTAATGGGTAAGGT
TCTAATAGCCATGTTTATGACTGTTGCATAGAATTCACAATGCATTTTTCAAGAGAAATGATGTTGTC
ACTGGTGGCTCATTCAAGGAAGCTCATCAAGCCCACTTTGTTCCGAGTGTAGCTGAAACTGTCTAT
CTCTAATAAAAAACAGGAGGAAACAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



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RefSeq: [NM_004088.4](#)

Summary: This gene is a member of the DNA polymerase type-X family and encodes a template-independent DNA polymerase that catalyzes the addition of deoxynucleotides to the 3'-hydroxyl terminus of oligonucleotide primers. In vivo, the encoded protein is expressed in a restricted population of normal and malignant pre-B and pre-T lymphocytes during early differentiation, where it generates antigen receptor diversity by synthesizing non-germ line elements (N-regions) at the junctions of rearranged Ig heavy chain and T cell receptor gene segments. Alternatively spliced transcript variants encoding different isoforms of this gene have been described. [provided by RefSeq, Jul 2008]

Locus ID: 1791

MW: 14.2