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Product datasheet for SC204991

TdT (DNTT) (NM_001017520) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TdT (DNTT) (NM_001017520) Human 3' UTR Clone
Symbol:	TdT
Synonyms:	TDT
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001017520
Insert Size:	370 bp
Insert Sequence:	>SC204991 3'UTR clone of NM_001017520 The sequence shown below is from the reference sequence of NM_001017520. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TATATTGAACCGTGGGAAAGAAATGCCTAGGAAAGTGTTGTCAACATTTTTTTCCTATTCTTTTCAAGT TAAATAAATTATGCTTCATATTAGTAAAAGATGCCATAGGAGAGTTTGGGGTTATTTAGGTCTTATTGA AATGCAGATTGCTACTAGAAATAAATAACTTTGGAAACATGGGAAGGTGCCACTGGTAATGGGTAAGGT TCTAATAGGCCATGTTTATGACTGTTGCATAGAATTCACAATGCATTTTTCAAGAGAAATGATGTTGTC ACTGGTGGCTCATTCAGGGAAGCTCATCAAAGCCCACTTTGTTCGCAGTGTAGCTGAAATACTGTCTAT CTCTAATAAAAACAGGAGGAAACAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-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_001017520.2
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