

DNTT 抗原（重组蛋白）

中文名称：DNTT 抗原（重组蛋白）

英文名称：DNTT Antigen (Recombinant Protein)

别名：DNA nucleotidylexotransferase; TDT

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 260-509 amino acids of human DNTT

技术规格：

Full name:	DNA nucleotidylexotransferase
Synonyms:	TDT
Swissprot:	P04053
Gene Accession:	BC012920
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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.