

## Recombinant Cattle DNTT Protein, His-tagged

Cat. No. DNTT-1361C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Cattle DNTT Protein (Met1-Ala520) with N-His tag was expressed in E. coli.
<b>Species</b>	Cattle
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Ala520
<b>Description</b>	Template-independent DNA polymerase which catalyzes the random addition of deoxynucleoside 5'-triphosphate to the 3'-end of a DNA initiator.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 63.4 kDa Accurate Molecular Mass: \
<b>Purity</b>	> 97%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

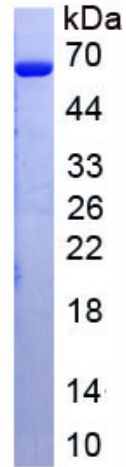
## GENE INFORMATION

<b>Gene Name</b>	DNTT DNA nucleotidylexotransferase [ <i>Bos taurus</i> (cattle) ]
<b>Official Symbol</b>	DNTT
<b>Synonyms</b>	DNTT; DNA nucleotidylexotransferase; DNA nucleotidylexotransferase; TDT; deoxynucleotidyltransferase, terminal; terminal addition enzyme; terminal deoxynucleotidyltransferase; terminal transferase; EC 2.7.7.31
<b>Gene ID</b>	281120
<b>mRNA Refseq</b>	NM_177495
<b>Protein Refseq</b>	NP_803461
<b>UniProt ID</b>	P06526

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