

---

**Product Data Sheet**


---

Product Name: DNTTIP1 Human  
 Cat. No.: GP23331  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Deoxynucleotidyltransferase Terminal Interacting Protein 1; Novel Protein Similar To Synaptotagmin 1; Terminal Deoxynucleotidyltransferase-Interacting Factor 1; Chromosome 20 Open Reading Frame 167; Tdif1; C20orf167; TdT-Interacting Factor 1; TdT Binding Protein; dj447F3.4; TDIF1.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGATGDA EQPRGPSGAE RGGLELGDAG AAGQLVLTNP WNIMIKHRQV QRRGRRSQMT TSFTDPAISM DLLRAVLQPS INEEIQTVMFN KYMKFFQKAA LNVRDNLVGEV VDAEQLIQEA CRSCLEQAKL LFSDEGEKVIP RLTHELPGIK RGRQAEEECA HRGSPLPKKR KGRPPGHILS SDRAAAGMVW KPKSCEPIRR EGPKWDPARL NESTTFVLGS RANKALGMGG TRGRIYIKHP HLFKYAADPQ DKHWLAEQHH MRATGGKMAY LLIEDIRDL AASDDYRGCL DLKLEELKSF VLPSWMVEKM RKYMETLRTE NEHRAVEAPP QT		
Formulation	The DNTTIP1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 20% glycerol.		

**Introduction**

DNTTIP1 binds DNA and increases the activity of terminal deoxynucleotidyltransferase (TdT or DNTT), a DNA polymerase which catalyzes the polymerization of DNA in the absence of a DNA template.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Background**

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

---

## Product Data Sheet

---

DNTTIP1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 352 amino acids (1-329) and having a molecular mass of 39.0kDa. DNTTIP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

***Caution: Product has not been fully validated for medical applications. For research use only.***

***Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com***

***Address: 10292 Central Ave. #205, Montclair, CA, USA***