

## Product datasheet for **TP306867**

### **DNTTIP1 (NM\_052951) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human deoxynucleotidyltransferase, terminal, interacting protein 1 (DNTTIP1), 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA** >RC206867 representing NM\_052951  
**Clone or AA Sequence:** Red=Cloning site Green=Tags(s)

MGATGDAEQPRGPSGAERGGLELGDAGAAGQLVLTNPWNIMIKHRQVQRRGRRSQMTTSFTDPAISMDDL  
RAVLQPSINEEIQT VFNKYMKFFQKAALNVRDNVGGEEVDAEQLIQEACRSCLEQAKLLFSDGKVIPRLT  
HELPGIKRGRQAEEECAHRGSPLPKKRKGRPPGHILSSDRAAAGMVWPKSCEPIRREGPKWDPARLNES  
TTFVLGSRANKALGMGGTRGRIYIKHPLFKYAADPQDKHWLAEQHHRATGGKMAYLLIEEDIRDLAAS  
DDYRGCLDLKLEELKSFVLP SWMVEKMRKYMETLRTENEHRAVEAPPQT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

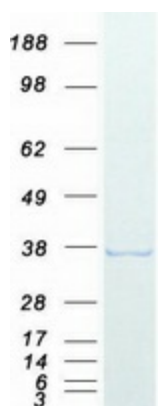
**Tag:** C-Myc/DDK  
**Predicted MW:** 36.8 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  
**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  
**Storage:** Store at -80°C.  
**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  
**RefSeq:** [NP\\_443183](#)  
**Locus ID:** 116092



[View online »](#)

|               |  |
|---------------|--|
| UniProt ID:   | <u>Q9H147</u>  |
| RefSeq Size:  | 1317   |
| Cytogenetics: | 20q13.12   |
| RefSeq ORF:   | 987  |
| Synonyms:     | C20orf167; dj447F3.4; Tdif1  |
| Summary:      | DNNTIP1 binds DNA and enhances the activity of terminal deoxynucleotidyltransferase (TDT, or DNNT; MIM 187410), a DNA polymerase that catalyzes the polymerization of DNA in the absence of a DNA template (Yamashita et al., 2001 [PubMed 11473582]).[supplied by OMIM, Mar 2008] |

### Product images:



Coomassie blue staining of purified DNNTIP1 protein (Cat# TP306867). The protein was produced from HEK293T cells transfected with DNNTIP1 cDNA clone (Cat# [RC206867]) using MegaTran 2.0 (Cat# [TT210002]).