

Product datasheet for TP306867M

DNTTIP1 (NM_052951) Human Recombinant Protein

Product data:

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|-----------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human deoxynucleotidyltransferase, terminal, interacting protein 1 (DNTTIP1), 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA | >RC206867 representing NM_052951 |
| Clone or AA Sequence: | Red=Cloning site Green=Tags(s) |

MGATGDAEQPRGPSGAERGGLELGDAGAAGQLVLTNPWNIMIKHRQVQRRGRRSQMTTSFTDPAISMDDL
RAVLQPSINEEIQTVFNKYMKFFQKAALNVRDNVGGEEVDAEQLIQEACRSCLEQAKLLFSDGKVIPRLT
HELPGIKRGRQAEEECAHRGSPLPKKRKGRPPGHILSSDRAAAGMVWPKSCEPIRREGPKWDPARLNE
TTFVLGSRANKALGMGGTRGRIYIKHPLFKYAADPQDKHWLAEQHHRATGGKMAYLLIEEDIRDLAAS
DDYRGCLDLKLEELKSFVLPSSWMVEKMRKYMETLRTENEHRAVEAPPQT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

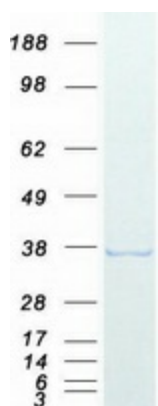
| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 36.8 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | 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 |



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|---------------|--|
| 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]).