

Recombinant Human DNTTIP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DNTTIP1-4222H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DNTTIP1 MS Standard C13 and N15-labeled recombinant protein (NP_443183) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	DNTTIP1 binds DNA and enhances the activity of terminal deoxynucleotidyltransferase (TDT, or DNTT), a DNA polymerase that catalyzes the polymerization of DNA in the absence of a DNA template.
Molecular Mass	36.8 kDa
AA Sequence	MGATGDAEQPRGPSGAERGGLELGDAGAAGQLVLTNPWNIMIKHRQVQRRGRRS QMTTSFTDPAISMDLLRAVLQPSINEEIQT VFNKYMKFFQKAALNVRDNVGEEVDAE QLIQEACRSCLEQAKLLFSDGEKVIPRLTHELPGIKRGRQAEEECAHRGSPLPKKRK GRPPGHILSSDRAAAGMVWPKKSCEPIRREGPKWDPARLNESTTFVLGSRANKALG MGGTRGRIYIKHPLFKYAADPQDKHWLAEQHHMRATGGKMAYLLIEEDIRDLAAS DDYRGCLDLKLEELKS FVLPSWMVEKMRKYMETLRTENEHRAVEAPPQTTRTRPLE QKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name DNTTIP1 deoxynucleotidyltransferase terminal interacting protein 1 [Homo sapiens (human)]

Official Symbol DNTTIP1

Synonyms DNTTIP1; deoxynucleotidyltransferase, terminal, interacting protein 1; C20orf167, chromosome 20 open reading frame 167; deoxynucleotidyltransferase terminal-interacting protein 1; dJ447F3.4; novel protein similar to synaptotagmin 1 (SYT1; P65) (isoform 1); Tdif1; TdT binding protein; tdT-interacting factor 1; terminal deoxynucleotidyltransferase-interacting factor 1; C20orf167;

Gene ID 116092

mRNA Refseq NM_052951

Protein Refseq NP_443183

MIM 611388

UniProt ID Q9H147

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SDS-PAGE

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