

Recombinant Full Length Human DNTTIP1 Protein, GST-tagged

Cat. No. DNTTIP1-4060HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DNTTIP1 full-length ORF (NP_443183.1, 1 a.a. - 329 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	329 amino acids
Description	DNTTIP1 binds DNA and enhances the activity of terminal deoxynucleotidyltransferase (TDT, or DNTT; 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]
Molecular Mass	63.4 kDa
AA Sequence	MGATGDAEQPRGPSGAERGGLELGDAGAAGQLVLTNPWNIMIKHRQVQRRGRRS QMTTSFTDPAISMDLLRAVLQPSINEEIQT VFNKYMKFFQKAALNVRDNVGEVDAE QLIQEACRSCLEQAKLLFSDGEKVIPRLTHELPGIKRGRQAEEECAHRGSPLPKKRK GRPPGHILSSDRAAAGMVWPKPKSCEPIRREGPKWDPARLNESTTFVLGSRANKALG MGGTRGRIYIKHPhLFKYAADPQDKHWLAEQHhMRATGGKMAYLLIEEDIRDLAAS DDYRGCLDLKLEELKSFVLP SWMVEKMRKYMETLRTENEHRAVEAPPQT
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	DNTTIP1 deoxynucleotidyltransferase, terminal, interacting protein 1 [Homo sapiens]
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

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UniProt ID

Q9H147

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