Recombinant Human DNTTIP1, His-tagged

Cat. No. DNTTIP1-2338H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human DNTTIP1 fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	352aa
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT.
Molecular Mass	39 kDa
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGATGDA EQPRGPSGAE RGGLELGDAG AAGQLVLTNP WNIMIKHRQV QRRGRRSQMT TSFTDPAISMDLLRAVLQPS INEEIQTVFN KYMKFFQKAA LNVRDNVGEE VDAEQLIQEA CRSCLEQAKL LFSDGEKVIP RLTHELPGIK RGRQAEEECA HRGSPLPKKR KGRPPGHILS SDRAAAGMVW KPKSCEPIRR EGPKWDPARL NESTTFVLGS RANKALGMGG TRGRIYIKHP HLFKYAADPQDKHWLAEQHH MRATGGKMAY LLIEEDIRDL AASDDYRGCL DLKLEELKSF VLPSWMVEKM RKYMETLRTE NEHRAVEAPP QT

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Purity	>85% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml

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
UniProt ID	Q9H147

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Chromosome Location	20q13.12

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