9051 Mira Mesa Blvd, #910094
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DNTTIP1 Human

Deoxynucleotidyltransferase Terminal Interacting Protein 1 Human Recombinant RCP0674

Product Overview

Name	DNTTIP1 Human
Description	
Deoxynucleotidyltransferase Terminal Interacting Protein 1 Human Recombinant	
Accession (Primary)	Q9H147
Synonyms	
Deoxynucleotidyltransferase Terminal Interacting Protein 1, Novel Protein Similar To Synaptotagmin 1, Terminal Deoxynucleotidyltransferase-Interacting Factor 1, Chromosome 20 Open Reading Frame 167, Tdif1, C20orf167, TdT-Interacting Factor 1, TdT Binding Protein, dJ447F3.4, TDIF1.	
Introduction	
DNTTIP1 binds DNA and increases the activity of terminal deoxynucleotidyltransferase (TDT or DNTT), a DNA polymerase which catalyzes the polymerization of DNA in the absence of a DNA template.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The DNTTIP1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 20% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MGATGDA EQPRGPSGAE RGGLELGDAG AAGQLVLTNP WNIMIKHRQV QRRGRRSQMT TSFTDPAISM DLLRAVLQPS INEEIQTVFN KYMKFFQKAA LNVRDNVGEE VDAEQLIQEA CRSCLEQAKL LFSDGEKVIP RLTHELPGIK RGRQAEEECA HRGSPLPKKR KGRPPGHILS SDRAAAGMVW KPKSCEPIRR EGPKWDPARL NESTTFVLGS RANKALGMGG TRGRIYIKHP HLFKYAADPQ DKHWLAEQHH MRATGGKMAY LLIEEDIRDL AASDDYRGCL DLKLEELKSF VLPSWMVEKM RKYMETLRTE NEHRAVEAPP QT	

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Precautions

DNTTIP1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9H147)