

Deoxynucleotidyltransferase Terminal Interacting Protein 1 Human Re-

Item Number	rAP-4039
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
Description	DNTTIP1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 352 amino acids (1-329) and having a molecular mass of 39.0kDa. DNTTIP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9H147
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGATGDA EQPRGPSGAE RGGLELGDAG AAGQLVLTNP WNIMI-KHRQV QRRGRRSQMT TSFTDPAISM DLLRAVLQPS INEEIQT VFN KYMKFFQKAA LNV RDNVGEE VDAEQLIQEA CRSCLEQAKL LFSDGEKVIP RLTHELPGIK RGRQAE EEC A HRGSPLPKKR KGRPPGHILS SDRAAAGMVW KPKSCEPIRR EGPKWDPARL NESTTFVLGS RANKALGMGG TRGRI-YIKHP HLFKYAADPQ DKHWLAEQHH MRATGGKMAY LLIEEDIRDL AASDDYRGCL DLKLEELKSF VLP SWMVEKM RKYMETLRTE NEHRAVEAPP QT
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The DNTTIP1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 20% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**