

Product datasheet for **TP306867L**

DNTTIP1 (NM_052951) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human deoxynucleotidyltransferase, terminal, interacting protein 1 (DNTTIP1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC206867 representing NM_052951
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MGATGDAEQPRGPSGAERGGLELGDAGAAGQLVLTNPWNIMIKHRQVQRRGRRSQMTTSFTDPAISMDDL
RAVLQPSINEEIQTVFNKYMKFFQKAALNVRDNVGGEEVDAEQLIQEACRSCLEQAKLLFSDGKVIPRLT
HELPGIKRGRQAEEECAHRGSPLPKKRKGRPPGHILSSDRAAAGMVWPKSCEPIRREGPKWDPARLNE
TTFVLGSRANKALGMGGTRGRIYIKHPLFKYAADPQDKHWLAEQHHRATGGKMAYLLIEEDIRDLAAS
DDYRGCLDLKLEELKSFVLPSSWMVEKMRKYMETLRTENEHRAVEAPPQT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

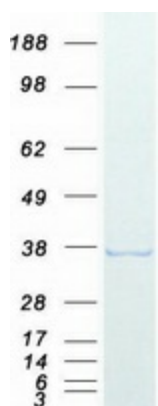
Tag:	C-Myc/DDK
Predicted MW:	36.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_443183
Locus ID:	116092



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UniProt ID:	<u>Q9H147</u>
RefSeq Size:	1317
Cytogenetics:	20q13.12
RefSeq ORF:	987
Synonyms:	C20orf167; dj447F3.4; Tdif1
Summary:	DNNTIP1 binds DNA and enhances the activity of terminal deoxynucleotidyltransferase (TDT, or DNNT; 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]

Product images:



Coomassie blue staining of purified DNNTIP1 protein (Cat# [TP306867]). The protein was produced from HEK293T cells transfected with DNNTIP1 cDNA clone (Cat# [RC206867]) using MegaTran 2.0 (Cat# [TT210002]).