

## Product datasheet for PH306867

### DNTTIP1 (NM\_052951) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	DNTTIP1 MS Standard C13 and N15-labeled recombinant protein (NP_443183)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206867
Predicted MW:	36.8 kDa
Protein Sequence:	>RC206867 representing NM_052951 Red=Cloning site Green=Tags(s)  MGATGDAEQPRGPSGAERGGLELGDAGAAGQLVLTNPWNIMIKHRQVQRRGRSQMTTSFTDPAISMDLL RAVLQPSINEEIQTVFNKYMFFQKAALNVRDNYGEEVDAEQLIQEACRSCLEQAKLLFSDGKVIPRLT HELPGIKRGRQAEEECAHRGSPLPKKRKGRPPGHILSSDRAAAGMVWPKSCEPIRREGPKWDPARLNES TTFVLGSRANKALGMMGTRGRIYIKHPLFKYAADPQDKHWLAEQHMRATGGKMAYLLIEEDIRDLAAS DDYRGCLDLKLEELKSFVLPSSWVVEKMRKYMETLRTENEHRAVEAPPQT  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_443183</a>
RefSeq Size:	1317
RefSeq ORF:	987
Synonyms:	C20orf167; dj447F3.4; Tdif1
Locus ID:	116092



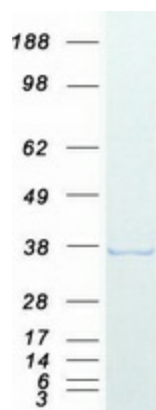
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UniProt ID: [Q9H147](#)

Cytogenetics: 20q13.12

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]).