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DNTTIP1, 1-329aa, Human, His tag, E.coli

产品货号: TP01912

第三版

别名: Deoxynucleotidyltransferase terminal-interacting protein 1, C20orf167, dJ447F3.4, Tdif1

描述: DNTTIP1 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. Recombinant human DNTTIP1 fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT.

分子量: 39 kDa (352aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMGATGDAEQPRGPGAERGGLELGDAGAAGQLVLTNPWNIMIKHRQVQRRGRR
SQMTTSFTDPAISMDLLRAVLQPSINEEIQT VFNKYMKFFQKAALNVRDNVGEVDAEQLIQEACRSCLEQAKLLFSDGEK
VIPRLTHELPGIKRGRQAEEECAHRGSPLPKKRKGRPPGHILSSDRAAAGMVWPKSCEPIRREGPKWDPARLNESTTFVL
GSRANKALGMGGTRGRIYIKHPLFKYAADPQDKHWLAEQHHRATGGK MAYLLIEEDIRDLAASDDYRGCLDLKLEE
LKSFVLPSWMVEKMRKYMETLRTENEHRAVEAPPQT

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.