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TDP2, 1-362aa, Human, His tag, E.coli

产品货号: TP04178

第三版

别名: Tyrosyl-DNA phosphodiesterase 2, AD022, dJ30M3.3, EAP2, EAPII, RP1-30M3.3, TTRAP

描述: TDP2 is a member of a superfamily of divalent cation-dependent phosphodiesterases. The protein associates with CD40, tumor necrosis factor (TNF) receptor-75 and TNF receptor associated factors (TRAFs), and inhibits nuclear factor-kappa-B activation. This protein has sequence and structural similarities with APE1 endonuclease, which is involved in both DNA repair and the activation of transcription factors. Recombinant human TDP2 protein, 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, 10% glycerol, 1mM DTT

分子量: 43.3 kDa (385aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMELGSCLEGGREAAEEEGEPEVKKRRLLCVEFASVASCDAAVAQCFLAENDWEME
RALNSYFEPPEVESALERRPETISEPKTYVDLTNEETDSTTSKISPS EDTQQENGSMFLITWNIDGLDLNLSERARGVCSY
LALYSPDVIFLQEVIPPYYSYLKKRSSNYEITGHEEGYFTAIMLKKSRVKLKSQEIIIPFPSTKMMRNLLCVHVNVS GNELCLM
TSHLESTRGHAAERMNQLKMVLKMQEAPESATVIFAGDTNLRDREVTRCGGLPNNIVDVWEFLGKPKHCQYTWDTQ
MNSNLGITAACKLRFDRIFFRAAAEEGHIIIPRSLDLLGLEKLD CGRFPSDHWGLLCNLDIIL

纯度: > 95% by HPLC

浓度: 0.5 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.