NKMAXBIO We support you, we believe in your research

Recombinant human TDP2 protein

Catalog Number: ATGP2024

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-362aa

UniProt No.

095551

NCBI Accession No.

NP 057698

Alternative Names

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

PRODUCT SPECIFICATION

Molecular Weight

43.3 kDa (385aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

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.



NKMAXBio We support you, we believe in your research

Recombinant human TDP2 protein

Catalog Number: ATGP2024

Amino acid Sequence

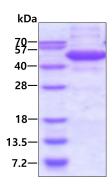
<MGSSHHHHHH SSGLVPRGSH MGS>MELGSCL EGGREAAEEE GEPEVKKRRL LCVEFASVAS CDAAVAQCFL AENDWEMERA LNSYFEPPVE ESALERRPET ISEPKTYVDL TNEETTDSTT SKISPSEDTQ QENGSMFSLI TWNIDGLDLN NLSERARGVC SYLALYSPDV IFLQEVIPPY YSYLKKRSSN YEIITGHEEG YFTAIMLKKS RVKLKSQEII PFPSTKMMRN LLCVHVNVSG NELCLMTSHL ESTRGHAAER MNQLKMVLKK MQEAPESATV IFAGDTNLRD REVTRCGGLP NNIVDVWEFL GKPKHCQYTW DTQMNSNLGI TAACKLRFDR IFFRAAAEEG HIIPRSLDLL GLEKLDCGRF PSDHWGLLCN LDIIL

General References

Vilotti, S., et al. (2012) Cell Death Differ. 19 (3), 488-500 Pinel, P., et al. (2012) J. Neurosci. 32 (3), 817-825

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

