

Recombinant Human TDP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TDP2-6706H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

TTRAP MS Standard C13 and N15-labeled recombinant protein (NP_057698) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

This gene encodes a member of a superfamily of divalent cation-dependent phosphodiesterases. The encoded 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.

Molecular Mass

40.9 kDa

AA Sequence

MELGSCLEGGREAAEEEGEPEVKKRRLLCVEFASVASCDAAVAQCFLAENDWEME
 RALNSYFEPPEESALERRPETISEPKTYVDLTNEETDSTTSKISPESTQQENG
 MFSLITWNIDGLDLNLSERARGVCSYLALYSPDVIFLQEVIPPYYSYLKKRSSNYEIT
 GHEEGYFTAIMLKKSRVKLKSQEIIFFPSTKMMRNLLCVHVNVS
 GNELCLMTSHLES
 TRGHAAERMNQLKMVLKMQEAPESATVIFAGDTNLRDREVTRCGGLPNNIVDVW
 EFLGKPKHCQYTWDTQMNSNLGITAACKLRFRIFRAAAEEGHIIIPRSLDLLGLEKL
 DCGRFPSDHWGLLCNLDIILTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	TDP2 tyrosyl-DNA phosphodiesterase 2 [Homo sapiens (human)]
Official Symbol	TDP2
Synonyms	TDP2; tyrosyl-DNA phosphodiesterase 2; TRAF and TNF receptor associated protein, TTRAP; ETS1-associated protein 2; ETS1-associated protein II; tyr-DNA phosphodiesterase 2; 5-Tyr-DNA phosphodiesterase; 5-tyrosyl-DNA phosphodiesterase; TRAF and TNF receptor associated protein; TRAF and TNF receptor-associated protein; EAP2; AD022; EAPII; TTRAP; dJ30M3.3; RP1-30M3.3; MGC9099; MGC111021;
Gene ID	51567
mRNA Refseq	NM_016614
Protein Refseq	NP_057698
MIM	605764

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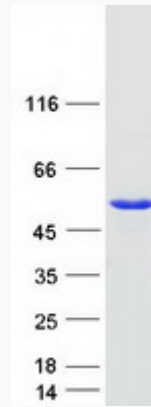
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UniProt ID

O95551

SDS-PAGE



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