Recombinant Human TDP1 Protein, Flag-tagged

Cat. No. TDP1-3327H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TDP1 Protein, Transcript Variant 2, is produced by HEK293T expression system. This protein is fused with a Flag tag.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is involved in repairing stalled topoisomerase I-DNA complexes by catalyzing the hydrolysis of the phosphodiester bond between the tyrosine residue of topoisomerase I and the 3-prime phosphate of DNA. This protein may also remove glycolate from single-stranded DNA containing 3-prime phosphoglycolate, suggesting a role in repair of free-radical mediated DNA double-strand breaks. This gene is a member of the phospholipase D family and contains two PLD phosphodiesterase domains. Mutations in this gene are associated with the disease spinocerebellar ataxia with axonal neuropathy (SCAN1).
Form	PBS buffer
Molecular Mass	68 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

GENE INFORMATION

Gene Name	TDP1 tyrosyl-DNA phosphodiesterase 1 [Homo sapiens]

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	TDP1
Synonyms	TDP1; tyrosyl-DNA phosphodiesterase 1; FLJ11090; SCAN1; tyr-DNA phosphodiesterase 1; MGC104252;
Gene ID	55775
mRNA Refseq	NM_001008744
Protein Refseq	NP_001008744
MIM	607198
UniProt ID	Q9NUW8

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA