



# Recombinant Human Tyrosyl-DNA phosphodiesterase 2 (TDP2)

<b>Product Code</b>	CSB-MP528514HU
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	O9551
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MELGSCLEGG REAAEEEGEP EVKKRRLLCV EFASVASDA AVAQCFLAEN DWEMERALNS YFEPPEESA LRRPETISE PKTYVDLTNE ETTDSTTSKI SPSEDTQQEN GSMFSLITWN IDGLDLNLS ERARGVCSYL ALYSPDVIFL QEVIPPYYSY LKKRSSNYEI ITGHEEGYFT AIMLKKSRVK LKSQEIIPFP STKMMRNLLC VHVNVSGNEL CLMTSHLEST RGHAAERMNQ LKMVLKMQE APESATVIFA GDTNLRDREV TRCGGLPNNI VDVWEFLGKP KHCQYTDWTQ MNSNLGITAA CKLRFDRIF RAAEEGHII PRSLDLLGLE KLDCGRFPSD HWGLLCNLDI IL
<b>Source</b>	Mammalian cell
<b>Target Names</b>	TDP2
<b>Protein Names</b>	Recommended name: Tyrosyl-DNA phosphodiesterase 2 Short name= Tyr-DNA phosphodiesterase 2 EC= 3.1.4.- Alternative name(s): 5'-tyrosyl-DNA phosphodiesterase Short name= 5'-Tyr-DNA phosphodiesterase ETS1-associated protein 2
<b>Expression Region</b>	1-362
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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