



Recombinant Human Tyrosyl-DNA phosphodiesterase 2 (TDP2)

Product Code	CSB-BP528514HU
Storage	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.
Uniprot No.	O95551
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	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
Source	Baculovirus
Target Names	TDP2
Protein Names	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
Expression Region	1-362
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	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.

Shelf Life

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