

# Human TDP1 Recombinant Protein



RPPB2310

---

## Product Information    Protein Information

**Product SKU:**

RPPB2310

**Accession:**

Q9NUW8

**Host:**

Escherichia Coli.

**Protein description:**

TDP1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 318 amino acids (1-298) and having a molecular mass of 35.8kDa. TDP1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Tyrosyl-DNA phosphodiesterase 1, TDP1 protein, TDP1.

**Formulation:**

The TDP1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSSLVPRGSH MSQEGDYGRW TISSSESEE EKPKDPKST SLLCARQGA ANEPRYTCSE  
AQKAAHKRKI SPVKFSNTDS VLPPKRQKSG SQEDLGWCLS SSDDELQPEM PQKQAEKVI KKEKDISAPN  
DGTAQRTEH GAPACHRLKE EEDEYETSGE GQDIWMLDK GNPQFYLTR VSGVKPKYNS GALHIKDILS  
PLFGTLVSSA QFNCFDVDW LVKQYPPEFR KKPILLVHGD KREAKAHLHA QAKPYENISL CQAKLDIAFG  
THHTKMMLLL YEEGLRVVIH TSNLIHADWH QKTQGTHL.