

Recombinant Rat Tdp1 protein, His & GST-tagged

Cat. No. Tdp1-1668R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tdp1 aa. (Met1~Leu271 (Accession # Q4G056)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Leu271
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 60.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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-80°C for 12 months.

Storage buffer

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in sterile ddH₂O.

Isoelectric Point

7.1

GENE INFORMATION

Gene Name

Tdp1 tyrosyl-DNA phosphodiesterase 1 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Tdp1

Synonyms

Tdp1; tyrosyl-DNA phosphodiesterase 1; tyr-DNA phosphodiesterase 1

Gene ID

314380

mRNA Refseq

NM_001031657.1

Protein Refseq

NP_001026827.1

UniProt ID

Q4G056

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SDS-PAGE

