

Recombinant Mouse Top1mt protein, His-tagged

Cat. No. Top1mt-12M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Top1mt(Arg11~Thr238) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Arg11~Thr238
Description	Top1mt played an important role in many functions.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300
Molecular Mass	30.5kDa
Endotoxin	Less than 0.1 ng/g (1 IEU/g) as determined by LAL test.
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 centigrade 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.

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Storage Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution Reconstitute in PBS or others.

GENE INFORMATION

Gene Name Top1mt DNA topoisomerase 1, mitochondrial [*Mus musculus*]

Official Symbol Top1mt

Synonyms DNA topoisomerase I, mitochondrial; 2900052H09Rik; mitochondrial topoisomerase I

Gene ID 72960

mRNA Refseq NM_028404

Protein Refseq NP_082680

UniProt ID Q8R4U6

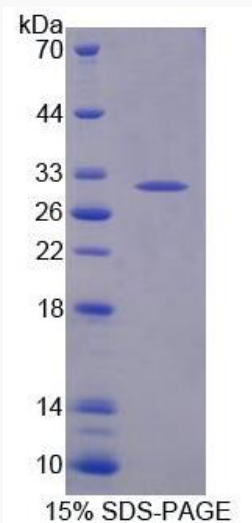
Chromosome Location 15; 15 D3

Function DNA binding; DNA topoisomerase activity; DNA topoisomerase type I activity

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