

Recombinant Mouse Top2a protein, His & T7-tagged

Cat. No. Top2a-7702M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Top2a aa. (Ser749~Val987 (Accession # Q01320)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ser749~Val987
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.0kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.9.
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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

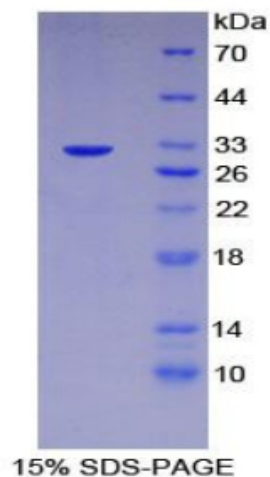
Gene Name	Top2a topoisomerase (DNA) II alpha [Mus musculus (house mouse)]
Official Symbol	Top2a
Synonyms	Top-2; DNA Topoisomerase II alpha; DNA topoisomerase II, alpha isozyme; DNA topoisomerase 2-alpha
Gene ID	21973
mRNA Refseq	NM_011623.2
Protein Refseq	NP_035753.2
UniProt ID	Q01320

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SDS-PAGE



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