

Recombinant Rat Top2a protein, His & T7-tagged

Cat. No. Top2a-7703R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Top2a aa. (Gly1079~Ser1328 (Accession # P41516)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gly1079~Ser1328
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.2kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.1.
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

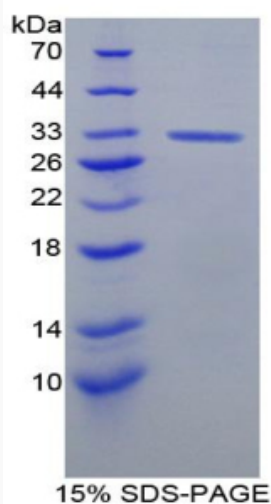
Gene Name	Top2a topoisomerase (DNA) II alpha [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Top2a
Synonyms	DNA topoisomerase II, alpha isozyme; topoisomerase (DNA) 2 alpha; DNA topoisomerase 2-alpha
Gene ID	360243
mRNA Refseq	NM_022183.2
Protein Refseq	NP_071519.2
UniProt ID	P41516

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SDS-PAGE



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