

## Recombinant Human TOP2A protein

Cat. No. TOP2A-388H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TOP2A protein(Ser 1354 - Ser 1473) was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser 1354 - Ser 1473
<b>Form</b>	Delivered as bulk protein in a 0.2 µm filtered solution of 50 mM Tris, 0.5 M KCl, pH8.0 with glycerol as protectant.
<b>Molecular Mass</b>	This protein carries no tag.The protein has a calculated MW of 12.8 kDa. The protein migrates as 20 kDa under reducing (R) condition (SDS-PAGE).
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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## GENE INFORMATION

<b>Gene Name</b>	TOP2A topoisomerase (DNA) II alpha 170kDa [ Homo sapiens ]
<b>Official Symbol</b>	TOP2A
<b>Synonyms</b>	TOP2A; topoisomerase (DNA) II alpha 170kDa; TOP2, topoisomerase (DNA) II alpha (170kD); DNA topoisomerase 2-alpha; DNA gyrase; DNA topoisomerase II, 170 kD; DNA topoisomerase (ATP-hydrolyzing); DNA topoisomerase II, alpha isozyme; TOP2; TP2A;
<b>Gene ID</b>	7153
<b>mRNA Refseq</b>	NM_001067
<b>Protein Refseq</b>	NP_001058
<b>MIM</b>	126430
<b>UniProt ID</b>	P11388

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