

## Recombinant Human TOP2A, GST-tagged

Cat. No. TOP2A-3351H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TOP2A protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	C-345aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### 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;

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<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
<b>Chromosome Location</b>	17q21-q22
<b>Pathway</b>	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; G0 and Early G1, organism-specific biosystem; Mitotic G1-G1/S phases, organism-specific biosystem;
<b>Function</b>	ATP binding; DNA binding; DNA topoisomerase (ATP-hydrolyzing) activity; DNA-dependent ATPase activity; chromatin binding; drug binding; enzyme binding; histone deacetylase binding; nucleotide binding; protein C-terminus binding; protein binding; protein h

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