

Recombinant Human TOP3B, GST-tagged

Cat. No. TOP3B-3353H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TOP3B protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	510-702aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	TOP3B topoisomerase (DNA) III beta [Homo sapiens]
Official Symbol	TOP3B
Synonyms	TOP3B; topoisomerase (DNA) III beta; DNA topoisomerase 3-beta-1; topoisomerase III beta; DNA topoisomerase III beta-1; FLJ39376;
Gene ID	8940

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mRNA Refseq	NM_003935
Protein Refseq	NP_003926
MIM	603582
UniProt ID	O95985
Chromosome Location	22q11.22
Pathway	Blooms syndrome complex, organism-specific biosystem; Fanconi anemia pathway, organism-specific biosystem; Fanconi anemia pathway, conserved biosystem; Homologous recombination, organism-specific biosystem; Homologous recombination, conserved biosystem;
Function	ATP binding; DNA binding; DNA topoisomerase activity; DNA topoisomerase type I activity; nucleotide binding;

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