

Recombinant Human TOP3A, His-tagged

Cat. No. TOP3A-3352H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TOP3A protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	652-1001aa
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 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	TOP3A topoisomerase (DNA) III alpha [Homo sapiens]
Official Symbol	TOP3A
Synonyms	TOP3A; topoisomerase (DNA) III alpha; TOP3; DNA topoisomerase 3-alpha; topo III-alpha; DNA topoisomerase III alpha;
Gene ID	7156

 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

mRNA Refseq	NM_004618
Protein Refseq	NP_004609
MIM	601243
UniProt ID	Q13472
Chromosome Location	17p12-p11.2
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; M
Function	ATP binding; DNA binding; DNA topoisomerase activity; DNA topoisomerase type I activity; metal ion binding; nucleotide binding; protein binding; zinc ion binding;

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