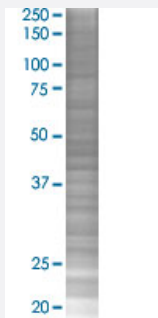


TOP3B 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00008940-T02

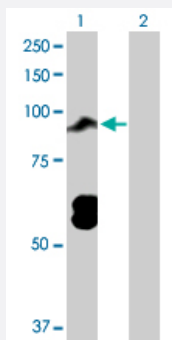
Size 100 uL

Applications



SDS-PAGE Gel

TOP3B transfected lysate.



Western Blot

Lane 1: TOP3B transfected lysate (96.70 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-TOP3B full-length
Host	Human
Theoretical MW (kDa)	96.7
Interspecies Antigen Sequence	Mouse (95); Rat (94)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-TOP3B antibody ([H00008940-D01P](#)) by Western Blots.
SDS-PAGE Gel
TOP3B transfected lysate.
Western Blot
Lane 1: TOP3B transfected lysate (96.70 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — TOP3B

Entrez GeneID[8940](#)**GeneBank Accession#**[NM_003935](#)**Protein Accession#**[NP_003926.1](#)**Gene Name**

TOP3B

Gene Alias

FLJ39376

Gene Description

topoisomerase (DNA) III beta

Omim ID[603582](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a DNA topoisomerase, an enzyme that controls and alters the topologic state of DNA during transcription. This enzyme catalyzes the transient breaking and rejoining of a single strand of DNA which allows the strands to pass through one another, thus relaxing the supercoils and altering the topology of DNA. The enzyme interacts with DNA helicase SGS1 and plays a role in DNA recombination, cellular aging and maintenance of genome stability. Alternative splicing of the C-terminus of this gene results in three transcript variants which have distinct tissue specificity; however, not all variants have been fully described. [provided by RefSeq]

Other Designations

topoisomerase III beta

Pathway

- [Homologous recombination](#)