

Recombinant Human TOP1 protein(Lys191-Phe765), His-tagged

Cat. No. TOP1-1078H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TOP1 (NP_003277.1) (Lys191-Phe765) was expressed in Insect Cells with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	Lys191-Phe765
Form	Lyophilized from sterile 20 mM Tris, 200 mM NaCl, 20 % glycerol, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human TOP1 consists of 594 amino acids and predicts a molecular mass of 70.4 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 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

Reconstitution

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.

GENE INFORMATION

Gene Name TOP1 topoisomerase (DNA) I [Homo sapiens]

Official Symbol TOP1

Synonyms TOP1; topoisomerase (DNA) I; DNA topoisomerase 1; type I DNA topoisomerase; TOPI;

Gene ID 7150

mRNA Refseq NM_003286

Protein Refseq NP_003277

MIM 126420

UniProt ID P11387

 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