

Recombinant Human TOP2A protein

Cat. No. TOP2A-388H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TOP2A protein(Ser 1354 - Ser 1473) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	Ser 1354 - Ser 1473
Form	Delivered as bulk protein in a 0.2 µm filtered solution of 50 mM Tris, 0.5 M KCl, pH8.0 with glycerol as protectant.
Molecular Mass	This protein carries no tag.The protein has a calculated MW of 12.8 kDa. The protein migrates as 20 kDa under reducing (R) condition (SDS-PAGE).
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
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.

 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

GENE INFORMATION

Gene Name	TOP2A topoisomerase (DNA) II alpha 170kDa [Homo sapiens]
Official Symbol	TOP2A
Synonyms	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;
Gene ID	7153
mRNA Refseq	NM_001067
Protein Refseq	NP_001058
MIM	126430
UniProt ID	P11388

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