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Topoisomerase-II Beta Human Recombinant
RECOMBINANT PROTEIN

Catalog Number: PRP-303
Quantity: 2 micrograms, 5 micrograms, 10 micrograms
Format: 50 mM Tris-Acetate, pH 7.5, 1 mM EDTA, 20% Glycerol. Sterile-filtered.
Host: *Escherichia Coli*

Background:

Topo-II Beta plays important roles in synthesis and transcription of DNA as well as chromosomal segregation during mitosis. It is present ubiquitously in normal cells and is upregulated in tumors and proliferating cells. Topo-II Beta is also implicated in drug resistance of tumor cells.

Specificity and Preparation:

Topo-II β Human Recombinant encoding C-Terminal 300 amino acids expressed in *E. coli*. The Topo-II β is purified by proprietary chromatographic techniques. Topo-II β protein is provided at 100 μ g/ml in 50 mM Tris-Acetate, pH 7.5, 1 mM EDTA, 20% Glycerol.

Usage and Storage:

Applications include ELISA, Inhibition Assays, Western Blotting. On SDS-PAGE coomassie blue stained gel, the purified recombinant protein shows a band at 59 kDa.

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. Avoid repeated freeze-thaw cycles.