Topoisomerase IV (E. coli) (recombinant) (His)

Topo IV is a type II topoisomerase that is encoded by two genes *parC* and *parE* in *E. coli.* Topo IV is essential for decatenation and chromosomal segregation in *E. coli*; thus, topo IV tends to prefer intermolecular strand passing (catenating and decatenating reactions) over relaxation reactions. Topo IV is also the target for quinolone-based antibacterial agents which act by subverting the enzyme into a DNA damaging agent.

Ordering Information

Order Online »

TOP-TG2000EC-3	500U

Manuals, SDS & CofA

View Online »

Handling & Storage

Handling	After opening, prepare aliquots and store at -80°C. Avoid freeze/thaw cycles.
Short Term Storage	-80°C
Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Activity	Very active in decatenating KDNA (Prod. No. TOP-2013).
Alternative Name	parC

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