

DNA Topoisomerase-I 70kDa Recombinant Protein | TOP1 recombinant protein

Recombinant Human DNA Topoisomerase-I 70kDa

CATALOG # AAA38994	HOST Sf9 Insect Cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

DNA Topoisomerase-I 70kDa; Recombinant Human DNA Topoisomerase-I 70kDa; TOP1 70kDa Human; DNA Topoisomerase-I 70kDa Recombinant Human; DNA topoisomerase 1; EC 5.99.1.2; DNA topoisomerase I; TOP1; Scl-70; TOP1 70kDa; TOP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 Insect Cells
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	Sterile Filtered clear solution TOP1 70kDa (1.21 mg/ml) is supplied in 20mM HEPES buffer pH-8.0, 500mM NaCl, and 20% glycerol.
Concentration	0.5-0.8 ug/ml (depending on the type of ELISA plate and coating buffer). Suitable for biotinylation and iodination. (varies by lot)
Sequence Length	765
Applicable Applications for TOP1 recombinant protein	WB (Western Blot)
Immunological functions	1. Binds IgG-type human auto-antibodies. 2. Standard ELISA test (checkerboard analysis of positive/negative samples) and immunodot test with positive/negative samples.
Coating concentration	0.5-0.8 µg/ml (depending on the type of ELISA plate and coating buffer). Suitable for labeling of functional group
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for TOP1 recombinant protein	Description: Recombinant TOP1 70kDa protein is an enzyme fragment having a molecular mass of 72KDa (pH 9.4). TOP1 70kDa protein is fused to a hexa-histidine purification tag.
Product Categories/Family for TOP1 recombinant protein	Enzymes ; Isomerase

NCBI AND UNIPROT INFORMATION

NCBI GI #	11225260
NCBI GeneID	7150
NCBI Accession #	NP_003277.1
NCBI GenBank Nucleotide #	NM_003286.2
UniProt Accession #	P11387 ; O43256 ; Q12855 ; Q12856 ; Q15610 ; Q5TFY3 ; Q9UJN0 ; A8KA78 ; E1P5W3
NCBI Official Full Name	DNA topoisomerase 1
NCBI Official Synonym Full Names	topoisomerase (DNA) I

NCBI Official Symbol	TOP1
NCBI Official Synonym Symbols	TOPI
NCBI Protein Information	DNA topoisomerase 1; type I DNA topoisomerase
UniProt Protein Name	DNA topoisomerase 1
UniProt Gene Name	TOP1
UniProt Entry Name	TOP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/top1-recombinant-protein-sf9-insect-cells-wb-western-blot/38994>