

T4 UvsX Recombinase

Cat. No.:	HY-E70094
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

T4 UvsX Recombinase

BIOLOGICAL ACTIVITY

Description

T4 UvsX Recombinase helps initiate DNA replication on a double-stranded DNA template by catalyzing synapsis between the template and a homologous DNA single strand that serves as primer. T4 UvsX Recombinase greatly amplifies the snap-back (hairpin-primed) DNA synthesis that is catalyzed by the T4 DNA polymerase holoenzyme on linear, single-stranded DNA templates^[1].

REFERENCES

[1]. Morriscal SW, et al. Amplification of snap-back DNA synthesis reactions by the uvsX recombinase of bacteriophage T4. J Biol Chem. 1991 Jul 25;266(21):14031-8.

Caution: Product has not been fully validated for medical applications. For research use only.

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