



## T4 UvsX Recombinase

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T4 UvsX Recombinase, derived from T4 bacteriophage, is a homolog of the RecA/Rad51 recombinase family with a molecular weight of 45 kDa. The RecA/Rad51 recombinase family plays a crucial role in the repair of double-stranded DNA breaks and the restart of replication forks. T4 UvsX Recombinase can bind to single-stranded DNA (primer) to form a complex, which then searches for homologous sequences within double-stranded DNA and catalyzes strand displacement reactions. In combination with other related proteins, UvsY can facilitate isothermal amplification reactions.

Catalog No.	518107
Size	500 units
Product Category	Isothermal Amplification
Concentration	5mg/mL
Storage/Stability	-20°C / 2 years
Shipping	Gel Packs