

Product components

Components	Component number	Size-1 100 µg
T4 UvsY Protein (2 mg/mL)	RM20549	50 µL

Product Description

T4 UvsY Protein can help T4 UvsX Recombinase compete for primers that pre bind to single stranded DNA binding proteins. It promotes the binding of T4 UvsX Recombinase with primers to form a complex, searching for homologous sequences in double stranded DNA for strand displacement reactions. It is mainly used in recombinase polymerase amplification (RPA).

Source

E. coli strain expressing T4 UvsY Protein gene, derived from *Enterobacteria phage T4*.

Applications

Recombinase Polymerase Amplification (RPA)

Molecular Weight 15 kD

Store -20°C

Inhibition and Inactivation

Inactivate at 60 °C for 10 min

Storage Buffer

50 mM Tris-HCl, 50 mM KCl, 1 mM DTT, 0.1 mM EDTA, 50% Glycerol, pH 7.5 @25°C