

Lyo-ready T4 UvsX Protein

Catalog Number A72124

Pub. No. MAN1000702 Rev. A



WARNING! Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. Safety Data Sheets (SDSs) are available from thermofisher.com/support.

Product description

The Invitrogen™ Lyo-ready T4 UvsX Protein is a recombinase belonging to the RecA family of proteins. RecA-type proteins play an important role in the repair of double-stranded DNA breaks and the restart of replication forks. They form helical assemblies on single-stranded DNA and promote joint molecule formation between homologous DNA molecules.

Lyo-ready T4 UvsX Protein is produced from *E. coli* cells carrying a cloned *UvsX* gene derived from bacteriophage T4. T4 UvsX protein utilizes an accessory protein, T4 UvsY, to form stable filaments.

Lyo-ready T4 UvsX Protein in combination with its accessory protein Lyo-ready T4 UvsY Protein (Cat. No. [A72125](#)) and Lyo-ready T4 Gene 32 Protein (Cat. No. [A72123](#)) can be used in isothermal recombinase polymerase amplification reaction (RPA) to form recombination complexes that initiate amplification by Lyo-ready Bst DNA Polymerase (Cat. No. [A56655](#)).

For additional information, go to the product page at thermofisher.com or contact thermofisher.com/mdxthermofisher.com/mdx

Contents and storage

Cat. No.	Component	Concentration	Quantity	Amount	Storage
A72124	Lyo-ready T4 UvsX Protein	2 mg/mL	120 µg	60 µL ^[1]	–25°C to –15°C

^[1] Custom vial sizes are available. To explore more customization options, go to thermofisher.com/mdx.

Limited product warranty

Life Technologies Corporation and its affiliates warrant their products as set forth in the Life Technologies' General Terms and Conditions of Sale at www.thermofisher.com/us/en/home/global/terms-and-conditions.html. If you have questions, contact Life Technologies at www.thermofisher.com/support.



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For descriptions of symbols on product labels or product documents, go to thermofisher.com/symbols-definition.

Revision history: Pub. No. MAN1000702 A

Revision	Date	Description
A	7 October 2024	New product information sheet for Lyo-ready T4 UvsX Protein.

The information in this guide is subject to change without notice.

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