

# pHis-T4-DNA ligase expression vector

**Catalogue number:** 157884

**Sub-type:**

**Images:**

## Contributor

**Inventor:** Alessandra Montecucco

**Institute:** Consiglio Nazionale Delle Ricerche

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** pHis-T4-DNA ligase expression vector

**Alternate name:** T4 bacteriophage

**Class:**

**Conjugate:**

**Description:** Invented at the Istituto per la Ricerca e l'Innovazione Biomedica del Consiglio Nazionale delle Ricerche (IRIB, CNR)

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:**

**Selectivity:**

**Host:**

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

DNA ligases play essential roles in DNA replication, DNA repair and DNA recombination. T4 DNA Ligase is a ligation enzyme that can be used to join DNA fragments by catalyzing the formation of phosphodiester bonds between juxtaposed 5' phosphate and 3' hydroxyl termini in double-stranded DNA using ATP as a coenzyme

## Target details

**Target:** T4 ligase

**Target alternate names:**

**Target background:**

**Molecular weight:**

**Ic50:**

## Applications

**Application:**

**Application notes:** Invented at the Istituto per la Ricerca e l'Innovazione Biomedica del Consiglio Nazionale delle Ricerche (IRIB, CNR)

## Handling

**Format:**

**Concentration:**

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:**

## Related tools

**Related tools:**

## References

**References:** Bonura et al. 2018. J Allergy Clin Immunol. 141(3):1142-1144.e3. PMID: 29221712.

CancerTools.org