

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 1, 2026

T4 Lysozyme WT*

RRID:Addgene_18111

Type: Plasmid

Proper Citation

RRID:Addgene_18111

Plasmid Information

URL: <http://www.addgene.org/18111>

Proper Citation: RRID:Addgene_18111

Insert Name: T4 Lysozyme

Organism: Bacteriophage T4

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:5000; Vector Backbone:pHS1403; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: T4 Lysozyme WT*

Relevant Mutation: No cysteines: C54T, C97A

Record Creation Time: 20220422T222035+0000

Record Last Update: 20260829T080122+0000

Ratings and Alerts

No rating or validation information has been found for T4 Lysozyme WT*.

No alerts have been found for T4 Lysozyme WT*.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

He J, et al. (2023) Local Xenon-Protein Interaction Produces Global Conformational Change and Allosteric Inhibition in Lysozyme. *Biochemistry*, 62(11), 1659.

Brockerman JA, et al. (2019) The pKa values of the catalytic residues in the retaining glycoside hydrolase T26H mutant of T4 lysozyme. *Protein science : a publication of the Protein Society*, 28(3), 620.

Weltz JS, et al. (2016) Surface-Mediated Protein Unfolding as a Search Process for Denaturing Sites. *ACS nano*, 10(1), 730.

Wu JC, et al. (2015) Enhanced enzyme stability through site-directed covalent immobilization. *Journal of biotechnology*, 193, 83.

Notti RQ, et al. (2015) A common assembly module in injectisome and flagellar type III secretion sorting platforms. *Nature communications*, 6, 7125.

Toro TB, et al. (2015) An improved 96-well turbidity assay for T4 lysozyme activity. *MethodsX*, 2, 256.

Georgieva ER, et al. (2012) Effect of freezing conditions on distances and their distributions derived from Double Electron Electron Resonance (DEER): a study of doubly-spin-labeled T4 lysozyme. *Journal of magnetic resonance (San Diego, Calif. : 1997)*, 216, 69.