Resource Summary Report

Generated by PRECISE-TBI on Aug 21, 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: 20260815T081128+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.