

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

Ornithine transcarbamylase (OTC)

RRID:Addgene_71877

Type: Plasmid

Proper Citation

RRID:Addgene_71877

Plasmid Information

URL: <http://www.addgene.org/71877>

Proper Citation: RRID:Addgene_71877

Insert Name: OTC

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:12198143](#)

Vector Backbone Description: Backbone Size:4801; Vector Backbone:pCAGGS; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: Ornithine transcarbamylase (OTC)

Record Creation Time: 20220422T222442+0000

Record Last Update: 20260815T081914+0000

Ratings and Alerts

No rating or validation information has been found for Ornithine transcarbamylase (OTC).

No alerts have been found for Ornithine transcarbamylase (OTC).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Jung M, et al. (2025) In situ characterization of mitochondrial Hsp60-Hsp10 chaperone complex under folding stress. *Science advances*, 11(43), eadw6064.

Krajewska M, et al. (2024) Interaction of ROMK2 channel with lipid kinases DGKE and AGK: Potential channel activation by localized anionic lipid synthesis. *Biochimica et biophysica acta. Molecular and cell biology of lipids*, 1869(2), 159443.

Kim J, et al. (2024) ATAD1 prevents clogging of TOM and damage caused by un-imported mitochondrial proteins. *Cell reports*, 43(8), 114473.

Adriaenssens E, et al. (2023) Small heat shock proteins operate as molecular chaperones in the mitochondrial intermembrane space. *Nature cell biology*, 25(3), 467.

Yang Z, et al. (2018) A novel fluorescent reporter detects plastic remodeling of mitochondria-ER contact sites. *Journal of cell science*, 131(1).