

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

CuGFP-ATG8(416)

RRID:Addgene_49423

Type: Plasmid

Proper Citation

RRID:Addgene_49423

Plasmid Information

URL: <http://www.addgene.org/49423>

Proper Citation: RRID:Addgene_49423

Insert Name: autophagy-related 8

Organism: Saccharomyces cerevisiae

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22977244](#)

Vector Backbone Description: Backbone Size:4898; Vector Backbone:pRS416; Vector Types:Bacterial Expression, Yeast Expression; Bacterial Resistance:Ampicillin

Plasmid Name: CuGFP-ATG8(416)

Record Creation Time: 20220422T222254+0000

Record Last Update: 20260815T081559+0000

Ratings and Alerts

No rating or validation information has been found for CuGFP-ATG8(416).

No alerts have been found for CuGFP-ATG8(416).

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](#) .

Park S, et al. (2025) An adenine model of inborn metabolism errors alters TDP-43 aggregation and reduces its toxicity in yeast revealing insights into protein misfolding diseases. Microbial cell (Graz, Austria), 12, 119.

Tateishi M, et al. (2025) Double prenylation of budding yeast Ykt6 regulates cell wall integrity and autophagy. The Journal of biological chemistry, 301(4), 108384.

Park S, et al. (2024) Expression of Wild-Type and Mutant Human TDP-43 in Yeast Inhibits TOROID (TORC1 Organized in Inhibited Domain) Formation and Autophagy Proportionally to the Levels of TDP-43 Toxicity. International journal of molecular sciences, 25(11).

Park SK, et al. (2022) TDP-43 Toxicity in Yeast Is Associated with a Reduction in Autophagy, and Deletions of TIP41 and PBP1 Counteract These Effects. Viruses, 14(10).

Kainz K, et al. (2021) Assessing autophagic flux in yeast. Methods in cell biology, 164, 73.