

Resource Summary Report

Generated by [dkNET](#) on Aug 31, 2026

pAG425GPD-ccdB

RRID:Addgene_14154

Type: Plasmid

Proper Citation

RRID:Addgene_14154

Plasmid Information

URL: <http://www.addgene.org/14154>

Proper Citation: RRID:Addgene_14154

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:17583893](#)

Vector Backbone Description: Backbone Size:0; Vector Backbone:pRS425; Vector Types:Yeast Expression, Gateway Cloning; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: Type of plasmid: 2-micron. This plasmid contains the Gateway technology from Invitrogen; Invitrogen requires purchasing of Gateway Clonase for carrying out the Gateway recombinational cloning reaction <http://www.invitrogen.com> Please note that the full plasmid sequence is provided as a reference only, and may not match the exact sequence of the plasmid.

Plasmid Name: pAG425GPD-ccdB

Record Creation Time: 20220422T221815+0000

Record Last Update: 20260829T075647+0000

Ratings and Alerts

No rating or validation information has been found for pAG425GPD-ccdB.

No alerts have been found for pAG425GPD-ccdB.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Warner K, et al. (2025) Structural ubiquitin contributes to K48 linkage specificity of the HECT ligase Tom1. *Cell reports*, 44(5), 115688.

Kim KQ, et al. (2024) eIF4F complex dynamics are important for the activation of the integrated stress response. *Molecular cell*, 84(11), 2135.

Cooper B, et al. (2024) An assessment of AcquireX and Compound Discoverer software 3.3 for non-targeted metabolomics. *Scientific reports*, 14(1), 4841.

Marshall RS, et al. (2022) A trio of ubiquitin ligases sequentially drives ubiquitylation and autophagic degradation of dysfunctional yeast proteasomes. *Cell reports*, 38(11), 110535.

Liu Y, et al. (2020) Aspartate Residues in a Forisome-Forming SEO Protein Are Critical for Protein Body Assembly and Ca²⁺ Responsiveness. *Plant & cell physiology*, 61(10), 1699.

Hughes CE, et al. (2020) Cysteine Toxicity Drives Age-Related Mitochondrial Decline by Altering Iron Homeostasis. *Cell*, 180(2), 296.

Marshall RS, et al. (2019) ATG8-Binding UIM Proteins Define a New Class of Autophagy Adaptors and Receptors. *Cell*, 177(3), 766.

Plummer JD, et al. (2019) Extension of Cellular Lifespan by Methionine Restriction Involves Alterations in Central Carbon Metabolism and Is Mitophagy-Dependent. *Frontiers in cell and developmental biology*, 7, 301.

Yin Y, et al. (2018) Surf4 (Erv29p) binds amino-terminal tripeptide motifs of soluble cargo proteins with different affinities, enabling prioritization of their exit from the endoplasmic reticulum. *PLoS biology*, 16(8), e2005140.