Resource Summary Report

Generated by dkNET on Sep 3, 2026

Gal1/10 His6-MBP TEV Ura S. cerevisiae expression vector (12URA-C)

RRID:Addgene_48305
Type: Plasmid

Proper Citation

RRID:Addgene_48305

Plasmid Information

URL: http://www.addgene.org/48305

Proper Citation: RRID:Addgene_48305

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:10092; Vector Backbone:pRS426; Vector Types:NA; Bacterial Resistance:Ampicillin

Comments: Note: The full plasmid sequence displayed here is theoretical and may not be entirely accurate. Addgene's quality control sequencing has identified some discrepancies with the sequence, but they do not impact the plasmid's function. This plasmid is a LIC-adapted S. cerevisiae vector. It uses the same PCR primer tags as with most of our other vectors, so one PCR product can be inserted into many different vectors at once. This vector has a TEV cleavable His6-MBP tag on the N-terminus and can complement Ura auxotrophy. Add the following tags to your PCR primers: LicV1 Forward Tag TACTTCCAATCCAATGCA(ATG) LicV1 Reverse Tag TTATCCACTTCCAATGTTATTA Linearize this plasmid with SspI and gel purify the product, then T4-treat with dGTP. For the PCR product, T4-treat with dCTP. Series 12 vectors are galactose inducible (using the Gal 1/10 promoter). The plasmids are cloned and propagated in E. coli. Plasmids are available to complement the Ade, Trp, or Ura auxotrophies. The Ade, Trp, and Ura plasmids can co-exist in the same yeast cell with no compatibility issues. We have successfully expressed 3 proteins from these 3 plasmids in the same strain (BCY123: Ade-, Trp-, Ura-). For more information, please see our website: http://qb3.berkeley.edu/qb3/macrolab/

Plasmid Name: Gal1/10 His6-MBP TEV Ura S. cerevisiae expression vector (12URA-C)

Record Creation Time: 20220422T222248+0000

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Ratings and Alerts

No rating or validation information has been found for Gal1/10 His6-MBP TEV Ura S. cerevisiae expression vector (12URA-C).

No alerts have been found for Gal1/10 His6-MBP TEV Ura S. cerevisiae expression vector (12URA-C).

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

MacDiarmid CW, et al. (2025) The interactome of the Bakers' yeast peroxiredoxin Tsa1 implicates it in the redox regulation of intermediary metabolism, glycolysis and zinc homeostasis. bioRxiv : the preprint server for biology.

Burstein D, et al. (2017) New CRISPR-Cas systems from uncultivated microbes. Nature, 542(7640), 237.