

Resource Summary Report

Generated by [dkNET](#) on Jul 29, 2026

BirA in pENTR1A (w860-1)

RRID:Addgene_29645

Type: Plasmid

Proper Citation

RRID:Addgene_29645

Plasmid Information

URL: <http://www.addgene.org/29645>

Proper Citation: RRID:Addgene_29645

Insert Name: BirA

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:2266; Vector Backbone:pENTR1A; Vector Types:Gateway Cloning; Bacterial Resistance:Kanamycin

Comments: The BirA gene was amplified from the E.coli TOP10F' strain, sequence confirmed, and functionally tested in E.coli using a protein fused to an AviTag. Please note that using this plasmid in a LR reaction with a Destination vector encoding an N-terminal tag is not recommended as it would not be in frame with the BirA sequence. This plasmid was designed to be used to biotinylate substrates in vivo. To add a tag to BirA, clone the desired tag into the vector itself, rather than using Gateway cloning--this approach will also prevent unnecessary sequence in the expressed protein.

Plasmid Name: BirA in pENTR1A (w860-1)

Record Creation Time: 20220422T222131+0000

Record Last Update: 20260725T074533+0000

Ratings and Alerts

No rating or validation information has been found for BirA in pENTR1A (w860-1).

No alerts have been found for BirA in pENTR1A (w860-1).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Nkosi D, et al. (2018) Transmembrane Domains Mediate Intra- and Extracellular Trafficking of Epstein-Barr Virus Latent Membrane Protein 1. Journal of virology, 92(17).