Resource Summary Report

Generated by dkNET on Aug 11, 2026

mTFP1-pBAD

RRID:Addgene_54553
Type: Plasmid

Proper Citation

RRID:Addgene_54553

Plasmid Information

URL: http://www.addgene.org/54553

Proper Citation: RRID:Addgene_54553

Bacterial Resistance: Ampicillin

Defining Citation: PMID:16859491

Vector Backbone Description: Backbone Size:4800; Vector Backbone:mTFP1-pBAD; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Contains 6x-Histidine tag for protein purification. Excitation = 462; Emission = 492

Plasmid Name: mTFP1-pBAD

Record Creation Time: 20220422T222319+0000

Record Last Update: 20260808T081831+0000

Ratings and Alerts

No rating or validation information has been found for mTFP1-pBAD.

No alerts have been found for mTFP1-pBAD.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Ortiz de Ora L, et al. (2025) Phollow reveals in situ phage transmission dynamics in the zebrafish gut microbiome at single-virion resolution. Nature microbiology, 10(5), 1067.

Ortiz de Ora L, et al. (2024) Phollow: Visualizing Gut Bacteriophage Transmission within Microbial Communities and Living Animals. bioRxiv : the preprint server for biology.

Chin MY, et al. (2021) Genetically Encoded, pH-Sensitive mTFP1 Biosensor for Probing Lysosomal pH. ACS sensors, 6(6), 2168.

Tang K, et al. (2018) Paxillin phosphorylation at serine 273 and its effects on Rac, Rho and adhesion dynamics. PLoS computational biology, 14(7), e1006303.