

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

pBB550

RRID:Addgene_27396

Type: Plasmid

Proper Citation

RRID:Addgene_27396

Plasmid Information

URL: <http://www.addgene.org/27396>

Proper Citation: RRID:Addgene_27396

Insert Name: dnaK, dnaJ, GroESL

Organism: E. coli

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:17565681](#)

Vector Backbone Description: Backbone Size:9203; Vector Backbone:N/A; Vector Types:Bacterial Expression; Bacterial Resistance:Spectinomycin

Comments: Protocol for preparing proteins with improved solubility by co-expressing with molecular chaperones in Escherichia coli. de Marco A. Nat Protoc. 2007;2(10):2632-9. single nt insertion at position 1726.

Plasmid Name: pBB550

Record Creation Time: 20220422T222123+0000

Record Last Update: 20260902T045155+0000

Ratings and Alerts

No rating or validation information has been found for pBB550.

No alerts have been found for pBB550.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Lu J, et al. (2021) Hypothermia Effectively Treats Tumors with Temperature-Sensitive p53 Mutations. Cancer research, 81(14), 3905.

Zhang W, et al. (2017) Phenyl butyrate inhibits pyruvate dehydrogenase kinase 1 and contributes to its anti-cancer effect. European journal of pharmaceutical sciences : official journal of the European Federation for Pharmaceutical Sciences, 110, 93.

Zhang SL, et al. (2017) Synthesis and biological evaluation of (R)-3,3,3-trifluoro-2-hydroxy-2-methylpropionamides as pyruvate dehydrogenase kinase 1 (PDK1) inhibitors to reduce the growth of cancer cells. European journal of pharmaceutical sciences : official journal of the European Federation for Pharmaceutical Sciences, 110, 87.