

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

LisDPS

RRID:Addgene_122654

Type: Plasmid

Proper Citation

RRID:Addgene_122654

Plasmid Information

URL: <http://www.addgene.org/122654>

Proper Citation: RRID:Addgene_122654

Insert Name: DPS, listeria

Organism: Listeria innocua

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:14514305](#)

Vector Backbone Description: Backbone Marker:Novagen; Vector Backbone:pET30a; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: This plasmid is also used in the following publications: Resnick, D. A., Gilmore, K., Idzerda, Y. U., Klem, M. T., Allen, M., Douglas, T., ... Young, M. (2006). Magnetic properties of Co 3O 4 nanoparticles mineralized in Listeria innocua Dps. Journal of Applied Physics, 99(8), 1–4. <https://doi.org/10.1063/1.2163839> Okuda, M., Suzumoto, Y., Iwahori, K., Kang, S., Uchida, M., Douglas, T., & Yamashita, I. (2010). Bio-templated CdSe nanoparticle synthesis in a cage shaped protein, Listeria-Dps, and their two dimensional ordered array self-assembly. Chemical Communications, 46(46), 8797–8799. <https://doi.org/10.1039/c0cc03298k> Usselman, R. J., Russek, S. E., Klem, M. T., Allen, M. A., Douglas, T., Young, M., ... Singel, D. J. (2012). Temperature dependence of electron magnetic resonance spectra of iron oxide nanoparticles mineralized in Listeria innocua protein cages. Journal of Applied Physics, 112(8), 1–9. <https://doi.org/10.1063/1.4757964>

Plasmid Name: LisDPS

Record Creation Time: 20220422T221642+0000

Record Last Update: 20260815T080346+0000

Ratings and Alerts

No rating or validation information has been found for LisDPS.

No alerts have been found for LisDPS.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.