

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pET3a-His-DJ1

RRID:Addgene_51488

Type: Plasmid

Proper Citation

RRID:Addgene_51488

Plasmid Information

URL: <http://www.addgene.org/51488>

Proper Citation: RRID:Addgene_51488

Insert Name: DJ1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:EMD Millipore; Backbone Size:4600; Vector Backbone:pET3a; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pET3a-His-DJ1

Record Creation Time: 20220422T222303+0000

Record Last Update: 20260725T074813+0000

Ratings and Alerts

No rating or validation information has been found for pET3a-His-DJ1.

No alerts have been found for pET3a-His-DJ1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Gao Q, et al. (2023) Parkinsonism-Associated Protein DJ-1 Is an Antagonist, Not an Eraser, for Protein Glycation. *Biochemistry*, 62(6), 1181.

Fernandes SA, et al. (2023) Structure-guided approach to modify the substrate specificity of the protein human deglycase-1 (hDJ-1). *Biochemical and biophysical research communications*, 679, 122.

Atieh TB, et al. (2021) DJ-1 Acts as a Scavenger of α -Synuclein Oligomers and Restores Monomeric Glycated α -Synuclein. *Biomolecules*, 11(10).

Bhasin A, et al. (2020) Virus Bioresistor (VBR) for Detection of Bladder Cancer Marker DJ-1 in Urine at 10 pM in One Minute. *Analytical chemistry*, 92(9), 6654.

Kumar R, et al. (2019) Partially oxidized DJ-1 inhibits α -synuclein nucleation and remodels mature α -synuclein fibrils in vitro. *Communications biology*, 2, 395.