

Resource Summary Report

Generated by [dkNET](#) on Aug 21, 2026

pET24a MDHNP_ARATH

RRID:Addgene_204238

Type: Plasmid

Proper Citation

RRID:Addgene_204238

Plasmid Information

URL: <http://www.addgene.org/204238>

Proper Citation: RRID:Addgene_204238

Insert Name: MDHNP_ARATH

Organism: Arabidopsis thaliana

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:5268; Vector Backbone:pET24a; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: UniProt ID: <https://www.uniprot.org/uniprotkb/Q8H1E2/>. Plays an essential role in the regulation of catalase activity and the accumulation of a hydrogen peroxide-dependent signal by transmitting the redox state of the chloroplast to other cell compartments. For more information, please see the MDH CUREs Community website: <https://www.mdhcures.org/>

Plasmid Name: pET24a MDHNP_ARATH

Relevant Mutation: Does not include the chloroplastic transit sequence and includes a MET for start site

Record Creation Time: 20231108T080459+0000

Record Last Update: 20260815T082806+0000

Ratings and Alerts

No rating or validation information has been found for pET24a MDHNP_ARATH.

No alerts have been found for pET24a MDHNP_ARATH.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.