

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

[pRS1422](#)

RRID:Addgene_12548

Type: Plasmid

Proper Citation

RRID:Addgene_12548

Plasmid Information

URL: <http://www.addgene.org/12548>

Proper Citation: RRID:Addgene_12548

Insert Name: human Methylpurine DNA glycosylase

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16024643](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:5255; Vector Backbone:pIRESNeo; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pRS1422

Record Creation Time: 20220422T221657+0000

Record Last Update: 20260815T080416+0000

Ratings and Alerts

No rating or validation information has been found for pRS1422.

No alerts have been found for pRS1422.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Moss T, et al. (2026) Hsp70 is phosphorylated in a conserved response to DNA damage and contributes to cell cycle control. eLife, 15.

Moss T, et al. (2025) A conserved Hsp70 phosphorylation regulates cell cycle progression after DNA damage. bioRxiv : the preprint server for biology.