

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pMOS023: Peredox NADH/NAD⁺ sensor (cytosolic)

RRID:Addgene_163060

Type: Plasmid

Proper Citation

RRID:Addgene_163060

Plasmid Information

URL: <http://www.addgene.org/163060>

Proper Citation: RRID:Addgene_163060

Insert Name: Peredox

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32753572](#)

Vector Backbone Description: Backbone Size:9377; Vector Backbone:pLX304; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Please see PMID: 21982714 for original reporter gene characterization.

Plasmid Name: pMOS023: Peredox NADH/NAD⁺ sensor (cytosolic)

Record Creation Time: 20220422T221922+0000

Record Last Update: 20260815T080908+0000

Ratings and Alerts

No rating or validation information has been found for pMOS023: Peredox NADH/NAD⁺ sensor (cytosolic).

No alerts have been found for pMOS023: Peredox NADH/NAD⁺ sensor (cytosolic).

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 [RRID](#) .

Couly S, et al. (2026) Sigma-1 receptor promotes glycolysis in neuronal systems by suppressing GRIM19. iScience, 29(6), 116092.

Couly S, et al. (2025) Sigma-1 Receptor Promotes Glycolysis in Neuronal Systems by Suppressing GRIM19. bioRxiv : the preprint server for biology.

Kang S, et al. (2024) Metabolic and transcriptomic reprogramming during contact inhibition-induced quiescence is mediated by YAP-dependent and YAP-independent mechanisms. Nature communications, 15(1), 6777.