

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pFRT/TO/HIS/FLAG/HA-PRDX1

RRID:Addgene_38086

Type: Plasmid

Proper Citation

RRID:Addgene_38086

Plasmid Information

URL: <http://www.addgene.org/38086>

Proper Citation: RRID:Addgene_38086

Insert Name: PRDX1 peroxiredoxin 1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22681889](#)

Vector Backbone Description: Backbone Size:5321; Vector Backbone:pFRT/TO/HIS/FLAG/HA-DEST; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pFRT/TO/HIS/FLAG/HA-PRDX1

Record Creation Time: 20220422T222201+0000

Record Last Update: 20260815T081419+0000

Ratings and Alerts

No rating or validation information has been found for pFRT/TO/HIS/FLAG/HA-PRDX1.

No alerts have been found for pFRT/TO/HIS/FLAG/HA-PRDX1.

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 [RRID](#) .

Qiu T, et al. (2025) Dynamic PRDX S-acylation modulates ROS stress and signaling. *Cell chemical biology*, 32(3), 511.

Chen HR, et al. (2024) MOF-mediated PRDX1 acetylation regulates inflammatory macrophage activation. *Cell reports*, 43(9), 114682.

Ahat E, et al. (2022) GRASP55 regulates the unconventional secretion and aggregation of mutant huntingtin. *The Journal of biological chemistry*, 298(8), 102219.

Wang Y, et al. (2018) Peroxiredoxin 1 (PRDX1) Suppresses Progressions and Metastasis of Osteosarcoma and Fibrosarcoma of Bone. *Medical science monitor : international medical journal of experimental and clinical research*, 24, 4113.

Min Y, et al. (2018) Inhibition of TRAF6 ubiquitin-ligase activity by PRDX1 leads to inhibition of NFKB activation and autophagy activation. *Autophagy*, 14(8), 1347.