

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

pcDNA3.1 Mfn2-HA

RRID:Addgene_139192

Type: Plasmid

Proper Citation

RRID:Addgene_139192

Plasmid Information

URL: <http://www.addgene.org/139192>

Proper Citation: RRID:Addgene_139192

Insert Name: MFN2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22748923](#)

Vector Backbone Description: Backbone Marker:Thermo Fisher Scientific; Backbone Size:5428; Vector Backbone:pcDNA3.1+; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3.1 Mfn2-HA

Record Creation Time: 20220422T221805+0000

Record Last Update: 20260905T074843+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1 Mfn2-HA.

No alerts have been found for pcDNA3.1 Mfn2-HA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Jassey A, et al. (2026) Enterovirus-induced cleavage of Mitofusin 2 generates mitophagosomes for enveloped virion release. *Science advances*, 12(17), eaed6824.

Jeong M, et al. (2026) Mitochondrial AK3 inhibits nuclear β -catenin localization and its activation through enhancing mitochondrial activity. *Cell death & disease*, 17(1).

Jassey A, et al. (2024) Mitophagosomes induced during EV-D68 infection promote viral nonlytic release. *bioRxiv* : the preprint server for biology.

Allouche J, et al. (2021) NNT mediates redox-dependent pigmentation via a UVB- and MITF-independent mechanism. *Cell*, 184(16), 4268.