Resource Summary Report

Generated by RRID on Sep 1, 2026

Mfn2(K109A)-16xmyc

RRID:Addgene_26051
Type: Plasmid

Proper Citation

RRID:Addgene_26051

Plasmid Information

URL: http://www.addgene.org/26051

Proper Citation: RRID:Addgene_26051

Insert Name: Mfn2

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: PMID:12527753

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5400; Vector Backbone:pcDNA3.1(-)/Myc-His; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: Mfn2(K109A)-16xmyc

Relevant Mutation: K109A GTPase mutant

Record Creation Time: 20220422T222116+0000

Record Last Update: 20260829T080255+0000

Ratings and Alerts

No rating or validation information has been found for Mfn2(K109A)-16xmyc.

No alerts have been found for Mfn2(K109A)-16xmyc.

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 RRID .

Du M, et al. (2020) Mitofusin 2 but not mitofusin 1 mediates Bcl-XL-induced mitochondrial aggregation. Journal of cell science, 133(20).

Huang NK, et al. (2019) Morphological control of mitochondria as the novel mechanism of Gastrodia elata in attenuating mutant huntingtin-induced protein aggregations. Phytomedicine : international journal of phytotherapy and phytopharmacology, 59, 152756.

Wong YC, et al. (2019) Lysosomal Regulation of Inter-mitochondrial Contact Fate and Motility in Charcot-Marie-Tooth Type 2. Developmental cell, 50(3), 339.

Newman LE, et al. (2017) The abundance of the ARL2 GTPase and its GAP, ELMOD2, at mitochondria are modulated by the fusogenic activity of mitofusins and stressors. PloS one, 12(4), e0175164.