

Resource Summary Report

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

Mfn1-null MEFs

RRID:CVCL_L691

Type: Cell Line

Proper Citation

ATCC Cat# CRL-2992, RRID:CVCL_L691

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_L691

Proper Citation: ATCC Cat# CRL-2992, RRID:CVCL_L691

Description: Cell line Mfn1-null MEFs is a Transformed cell line with a species of origin Mus musculus (Mouse)

Sex: Sex unspecified

Defining Citation: [PMID:12527753](#)

Category: Transformed cell line

Organism: Mus musculus (Mouse)

Name: Mfn1-null MEFs

Cross References: ATCC:CRL-2992, Wikidata:Q54905397

ID: CVCL_L691

Vendor: ATCC

Catalog Number: CRL-2992

Record Creation Time: 20250130T072126+0000

Record Last Update: 20260816T001405+0000

Ratings and Alerts

No rating or validation information has been found for Mfn1-null MEFs.

No alerts have been found for Mfn1-null MEFs.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Wang Y, et al. (2023) Atypical peripheral actin band formation via overactivation of RhoA and nonmuscle myosin II in mitofusin 2-deficient cells. eLife, 12.

Franco A, et al. (2020) Burst mitofusin activation reverses neuromuscular dysfunction in murine CMT2A. eLife, 9.

Muñoz-Úbeda M, et al. (2019) Gemini-Based Lipoplexes Complement the Mitochondrial Phenotype in MFN1-Knockout Mouse Embryonic Fibroblasts. Molecular pharmaceuticals, 16(12), 4787.

Rojansky R, et al. (2016) Elimination of paternal mitochondria in mouse embryos occurs through autophagic degradation dependent on PARKIN and MUL1. eLife, 5.