

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

MC3T3-E1 Subclone 24

RRID:CVCL_5438

Type: Cell Line

Proper Citation

CLS Cat# 305186, RRID:CVCL_5438

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_5438

Proper Citation: CLS Cat# 305186, RRID:CVCL_5438

Description: Cell line MC3T3-E1 Subclone 24 is a Spontaneously immortalized cell line with a species of origin *Mus musculus* (Mouse)

Sex: Sex unspecified

Defining Citation: [PMID:10352097](#)

Comments: Characteristics: Exhibits poor osteoblast differentiation after growth in ascorbic acid. Does not form a mineralized extracellular matrix (ATCC=CRL-2595).

Category: Spontaneously immortalized cell line

Organism: *Mus musculus* (Mouse)

Name: MC3T3-E1 Subclone 24

Cross References: CLO:CLO_0007584, ATCC:CRL-2595, CLS:305186, IZSLER:BS CL 201, Wikidata:Q54904203

ID: CVCL_5438

Vendor: CLS

Catalog Number: 305186

Hierarchy: cvcl_0409

Record Creation Time: 20220923T071202+0000

Record Last Update: 20260905T183019+0000

Ratings and Alerts

No rating or validation information has been found for MC3T3-E1 Subclone 24.

No alerts have been found for MC3T3-E1 Subclone 24.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Wang Y, et al. (2025) METTL3 inhibits osteoporosis by promoting osteoblast differentiation through m6A-mediated activation of the FZD3/RUNX1 signaling axis. European journal of medical research, 30(1), 1131.