

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

CSM14.1

RRID:CVCL_8182

Type: Cell Line

Proper Citation

RRID:CVCL_8182

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_8182

Proper Citation: RRID:CVCL_8182

Description: Cell line CSM14.1 is a Conditionally immortalized cell line with a species of origin *Rattus norvegicus* (Rat)

Sex: Sex unspecified

Defining Citation: [PMID:12171477](#), [PMID:17203489](#), [PMID:22863662](#), [PMID:24592386](#)

Comments: Characteristics: Can be differentiated in vitro into tyrosine hydroxylase (TH) and aldehyde-dehydrogenase 2-containing neurons (PubMed=12171477)., Characteristics: Proliferates at 33 Celsius and displays flat morphology. At 39 Celsius the cells stop dividing and some cells change from flat cells with broad processes to neuron-like morphology (CelloPub=CLPUB00032).

Category: Conditionally immortalized cell line

Organism: *Rattus norvegicus* (Rat)

Name: CSM14.1

Synonyms: CSM 14.1

Cross References: BTO:BTO_0004073, TOKU-E:4009, Wikidata:Q54814665

ID: CVCL_8182

Record Creation Time: 20220427T215525+0000

Record Last Update: 20260904T012731+0000

Ratings and Alerts

No rating or validation information has been found for CSM14.1.

No alerts have been found for CSM14.1.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.