

Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

TMNK-1

RRID:CVCL_4W79

Type: Cell Line

Proper Citation

JCRB Cat# JCRB1564, RRID:CVCL_4W79

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_4W79

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Description: Cell line TMNK-1 is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Female

Defining Citation: [PMID:15167590](#)

Comments: Characteristics: Transduced with two retroviral vectors: 1) SSR#197 (MoMLV/LTR-LoxP-hTERT-IRES-EGFP-LoxP-MoMLV/LTR) expressing hTERT and eGFP flanked by two loxP sites and 2) SSR#69 (MoMLV/LTR-LoxP-HygroR-HSV/TK-IRES-SV40T-LoxP-Neo-MoMLV/LTR) expressing HygroR, HSV-1 TK and SV40 T-antigen flanked by two loxP sites., Characteristics: Because it has been transduced by two constructs containing LoxP sites, transfection with the Cre recombinase eliminates both the SV40 T gene and TERT thus reverting the cells to a non-immortal phenotype., Group: Patented cell line.

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: TMNK-1

Synonyms: TMNK1

Cross References: JCRB:JCRB1564, Wikidata:Q54972700

ID: CVCL_4W79

Vendor: JCRB

Catalog Number: JCRB1564

Record Creation Time: 20250130T072858+0000

Record Last Update: 20260830T001734+0000

Ratings and Alerts

No rating or validation information has been found for TMNK-1.

No alerts have been found for TMNK-1.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Pérez-Calixto M, et al. (2025) Enhanced PDMS Functionalization for Organ-on-a-Chip Platforms Using Ozone and Sulfo-SANPAH: A Simple Approach for Biomimetic Long-Term Cell Cultures. *Advanced healthcare materials*, 14(13), e2404686.

Peto-Gutiérrez C, et al. (2023) Characterization of Benchtop-Fabricated Arrays of Nanowrinkled Surface Electrodes as a Nitric Oxide Electrochemical Sensor. *Biosensors*, 13(8).