

Resource Summary Report

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

TIME

RRID:CVCL_0047

Type: Cell Line

Proper Citation

ATCC Cat# CRL-4025, RRID:CVCL_0047

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0047

Proper Citation: ATCC Cat# CRL-4025, RRID:CVCL_0047

Description: Cell line TIME is a Telomerase immortalized cell line with a species of origin Homo sapiens (Human)

Sex: Male

Defining Citation: [PMID:11795943](#), [PMID:16957166](#), [PMID:33937098](#)

Comments: Part of: Human Protein Atlas, Cell Atlas panel.

Category: Telomerase immortalized cell line

Organism: Homo sapiens (Human)

Name: TIME

Synonyms: Telomerase-Immortalized human Microvascular Endothelial cells

Cross References: ATCC:CRL-4025, BioGRID_ORCS_Cell_line:1380, BioSample:SAMN03471728, GEO:GSM7701377, Wikidata:Q27653709

ID: CVCL_0047

Vendor: ATCC

Catalog Number: CRL-4025

Record Creation Time: 20250130T072853+0000

Record Last Update: 20260905T184144+0000

Ratings and Alerts

No rating or validation information has been found for TIME.

No alerts have been found for TIME.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Sudaryo V, et al. (2026) Activation-induced SLC7A1 expression enhances T cell sensitivity to cGAMP-mediated STING signaling. *Cell reports*, 45(7), 117580.

Hidalgo M, et al. (2025) The antioxidant property of CAPE depends on TRPV1 channel activation in microvascular endothelial cells. *Redox biology*, 80, 103507.

Zheng W, et al. (2025) Puromycin-sensitive aminopeptidase acts as an inhibitory auxiliary subunit of volume-regulated anion channels and regulates cGAMP transport. *Molecular cell*, 85(24), 4621.

Großkopf AK, et al. (2025) Eph receptor tyrosine kinases are functional entry receptors for murine gammaherpesvirus 68. *PLoS pathogens*, 21(10), e1013263.

Grosskopf AK, et al. (2025) Eph Receptor Tyrosine Kinases Are Functional Entry Receptors for Murine Gammaherpesvirus 68. *bioRxiv : the preprint server for biology*.

Sudaryo V, et al. (2024) Toxicity of extracellular cGAMP and its analogs to T cells is due to SLC7A1-mediated import. *bioRxiv : the preprint server for biology*.

Montemagno C, et al. (2023) A group of novel VEGF splice variants as alternative therapeutic targets in renal cell carcinoma. *Molecular oncology*.

Choi UY, et al. (2022) Herpesvirus-induced spermidine synthesis and eIF5A hypusination for viral episomal maintenance. *Cell reports*, 40(7), 111234.

Lahey LJ, et al. (2020) LRRC8A:C/E Heteromeric Channels Are Ubiquitous Transporters of cGAMP. *Molecular cell*, 80(4), 578.

Shlamkovich T, et al. (2018) Targeting the Tie2- α 3 integrin axis with bi-specific reagents for the inhibition of angiogenesis. *BMC biology*, 16(1), 92.