

Resource Summary Report

Generated by [RRID](#) on Sep 7, 2026

Ker-CT

RRID:CVCL_S877

Type: Cell Line

Proper Citation

ATCC Cat# CRL-4048, RRID:CVCL_S877

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_S877

Proper Citation: ATCC Cat# CRL-4048, RRID:CVCL_S877

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

Sex: Male

Defining Citation: [PMID:12545164](#), [PMID:19936293](#)

Category: Telomerase immortalized cell line

Organism: Homo sapiens (Human)

Name: Ker-CT

Cross References: ATCC:CRL-4048, PRIDE:PXD028647, Wikidata:Q54899807

ID: CVCL_S877

Vendor: ATCC

Catalog Number: CRL-4048

Record Creation Time: 20250130T072020+0000

Record Last Update: 20260905T184048+0000

Ratings and Alerts

No rating or validation information has been found for Ker-CT.

No alerts have been found for Ker-CT.

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](#) .

Lin X, et al. (2026) UBE2M-mediated EGFR neddylation drives keratinocyte proliferation in psoriasis. *iScience*, 29(5), 115784.

Nail AN, et al. (2026) Deficient arsenic methylation and global proteomic reprogramming in human keratinocytes during arsenic-induced skin carcinogenesis. *Archives of toxicology*.

Petrilli A, et al. (2026) Solute carrier family (SLC) amino acid transporters are upregulated in cutaneous squamous cell carcinoma. *Biology direct*, 21(1), 17.

Ramchatesingh B, et al. (2025) Targeting PRAME directly or via EZH2 inhibition overcomes retinoid resistance and represents a novel therapy for keratinocyte carcinoma. *Molecular oncology*, 19(5), 1471.

Gogler A, et al. (2025) HSPA2 influences the differentiation and production of immunomodulatory mediators in human immortalized epidermal keratinocyte lines. *Cell death & disease*, 16(1), 344.

Sojka DR, et al. (2024) The human testis-enriched HSPA2 interacts with HIF-1 α in epidermal keratinocytes, yet HIF-1 α stability and HIF-1-dependent gene expression rely on the HSPA (HSP70) activity. *Biochimica et biophysica acta. Molecular cell research*, 1871(5), 119735.

Napoli M, et al. (2024) Genome-wide p63-Target Gene Analyses Reveal TAp63/NRF2-Dependent Oxidative Stress Responses. *Cancer research communications*, 4(2), 264.

Smirnov A, et al. (2023) Epigenetic priming of an epithelial enhancer by p63 and CTCF controls expression of a skin-restricted gene XP33. *Cell death discovery*, 9(1), 446.

Tagore M, et al. (2023) GABA Regulates Electrical Activity and Tumor Initiation in Melanoma. *Cancer discovery*, 13(10), 2270.

Al Moussawi K, et al. (2022) Mutant Ras and inflammation-driven skin tumorigenesis is suppressed via a JNK-iASPP-AP1 axis. *Cell reports*, 41(3), 111503.