Resource Summary Report

Generated by dkNET on Jul 31, 2026

HBEC-5i

RRID:CVCL_4D10
Type: Cell Line

Proper Citation

ATCC Cat# CRL-3245, RRID:CVCL_4D10

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_4D10

Proper Citation: ATCC Cat# CRL-3245, RRID:CVCL_4D10

Description: Cell line HBEC-5i is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Male

Defining Citation: PMID:16369021, PMID:30240829

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: HBEC-5i

Synonyms: HBEC5i, Human Brain Endothelial Cell line-5i

Cross References: AddexBio:T0005011/5009, ATCC:CRL-3245, Wikidata:Q54881382

ID: CVCL_4D10

Vendor: ATCC

Catalog Number: CRL-3245

Record Creation Time: 20220427T220315+0000

Record Last Update: 20260725T234018+0000

Ratings and Alerts

No rating or validation information has been found for HBEC-5i.

No alerts have been found for HBEC-5i.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Walter Z, et al. (2025) An integrated proteomics approach identifies phosphorylation sites on viral and host proteins that regulate West Nile virus infection. Cell reports, 44(5), 115728.

Maurya SK, et al. (2025) Mucin 5AC Promotes Breast Cancer Brain Metastasis through cMET/CD44v6. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(5), 921.

McNeilly S, et al. (2024) Collagen IV deficiency causes hypertrophic remodeling and endothelium-dependent hyperpolarization in small vessel disease with intracerebral hemorrhage. EBioMedicine, 107, 105315.

Oh ES, et al. (2023) Cerebrovascular pulsatility index is higher in chronic kidney disease. Physiological reports, 11(1), e15561.

Zandona A, et al. (2023) Biological response and cell death signaling pathways modulated by tetrahydroisoquinoline-based aldoximes in human cells. Toxicology, 494, 153588.

Chang Y, et al. (2022) Engineering chimeric antigen receptor neutrophils from human pluripotent stem cells for targeted cancer immunotherapy. Cell reports, 40(3), 111128.

Pavlyukov MS, et al. (2018) Apoptotic Cell-Derived Extracellular Vesicles Promote Malignancy of Glioblastoma Via Intercellular Transfer of Splicing Factors. Cancer cell, 34(1), 119.