

Resource Summary Report

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

NCRM-1

RRID:CVCL_1E71

Type: Cell Line

Proper Citation

RRID:CVCL_1E71

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1E71

Proper Citation: RRID:CVCL_1E71

Description: Cell line NCRM-1 is a Induced pluripotent stem cell with a species of origin Homo sapiens (Human)

Sex: Male

Defining Citation: [PMID:36459969](#)

Comments: From: NIH Center for Regenerative Medicine (CRM); Bethesda; USA.

Category: Induced pluripotent stem cell

Organism: Homo sapiens (Human)

Name: NCRM-1

Synonyms: NCRM1, NL-1, CRMi003-A, ND50028

Cross References: BioSamples:SAMEA7777168, hPSCreg:CRMi003-A, NHCDR:ND50028, SKIP:SKIP001590, SKIP:SKIP002503, Wikidata:Q54908255

ID: CVCL_1E71

Record Creation Time: 20220427T220841+0000

Record Last Update: 20260829T234737+0000

Ratings and Alerts

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

No alerts have been found for NCRM-1.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Leduc-Pessah H, et al. (2026) Runx1 transcription factor modulates opioid analgesia and withdrawal in humans and rodents. *Neuron*, 114(5), 903.

Lee MC, et al. (2024) Engineering large-scale hiPSC-derived vessel-integrated muscle-like lattices for enhanced volumetric muscle regeneration. *Trends in biotechnology*, 42(12), 1715.

Pinton L, et al. (2023) 3D human induced pluripotent stem cell-derived bioengineered skeletal muscles for tissue, disease and therapy modeling. *Nature protocols*, 18(4), 1337.

Ong HW, et al. (2023) A Potent and Selective CDKL5/GSK3 Chemical Probe is Neuroprotective. *bioRxiv : the preprint server for biology*.

Abdel Fattah AR, et al. (2023) Targeted mechanical stimulation via magnetic nanoparticles guides in vitro tissue development. *Nature communications*, 14(1), 5281.

Ong HW, et al. (2023) Discovery of a Potent and Selective CDKL5/GSK3 Chemical Probe That Is Neuroprotective. *ACS chemical neuroscience*, 14(9), 1672.

Abdel Fattah AR, et al. (2023) Neuroepithelial organoid patterning is mediated by a neighborhood watch mechanism. *Cell reports*, 42(11), 113334.

Ahn HW, et al. (2023) Retrotransposon insertions associated with risk of neurologic and psychiatric diseases. *EMBO reports*, 24(1), e55197.

Pantazis CB, et al. (2022) A reference human induced pluripotent stem cell line for large-scale collaborative studies. *Cell stem cell*, 29(12), 1685.

Sears KE, et al. (2022) Controlling neural territory patterning from pluripotency using a systems developmental biology approach. *iScience*, 25(4), 104133.

Budjan C, et al. (2022) Paraxial mesoderm organoids model development of human somites. *eLife*, 11.

Abdel Fattah AR, et al. (2021) Actuation enhances patterning in human neural tube organoids. *Nature communications*, 12(1), 3192.

Campostrini G, et al. (2021) Generation, functional analysis and applications of isogenic three-dimensional self-aggregating cardiac microtissues from human pluripotent stem

cells. Nature protocols, 16(4), 2213.

Bos PH, et al. (2019) Development of MAP4 Kinase Inhibitors as Motor Neuron-Protecting Agents. Cell chemical biology, 26(12), 1703.

Benaoudia S, et al. (2019) A genome-wide screen identifies IRF2 as a key regulator of caspase-4 in human cells. EMBO reports, 20(9), e48235.