

Resource Summary Report

Generated by [RRID](#) on Aug 29, 2026

HAP-1

RRID:CVCL_5G07

Type: Cell Line

Proper Citation

RRID:CVCL_5G07

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_5G07

Proper Citation: RRID:CVCL_5G07

Description: Cell line HAP-1 is a Embryonic stem cell with a species of origin Mus musculus (Mouse)

Sex: Female

Defining Citation: [PMID:21900896](#)

Comments: Group: Haploid karyotype cell line.

Category: Embryonic stem cell

Organism: Mus musculus (Mouse)

Name: HAP-1

Synonyms: HAP1

Cross References: Wikidata:Q54872412

ID: CVCL_5G07

Record Creation Time: 20220427T220227+0000

Record Last Update: 20260815T233521+0000

Ratings and Alerts

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

No alerts have been found for HAP-1.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 37 mentions in open access literature.

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

Liebau RC, et al. (2024) Transcription-Coupled Repair of DNA Interstrand Crosslinks by UVSSA. *bioRxiv : the preprint server for biology*.

Ibrahim SL, et al. (2023) Inhibition of branched-chain alpha-keto acid dehydrogenase kinase augments the sensitivity of ovarian and breast cancer cells to paclitaxel. *British journal of cancer*, 128(5), 896.

Villamayor L, et al. (2023) Interferon alpha inducible protein 6 is a negative regulator of innate immune responses by modulating RIG-I activation. *Frontiers in immunology*, 14, 1105309.

Delhomme TM, et al. (2023) Proton and alpha radiation-induced mutational profiles in human cells. *Scientific reports*, 13(1), 9791.

Demange P, et al. (2022) SDR enzymes oxidize specific lipidic alkynylcarbinols into cytotoxic protein-reactive species. *eLife*, 11.

Haustrate A, et al. (2022) A Novel Anti-TRPV6 Antibody and Its Application in Cancer Diagnosis In Vitro. *International journal of molecular sciences*, 24(1).

Kschonsak M, et al. (2022) Structural basis for HCMV Pentamer receptor recognition and antibody neutralization. *Science advances*, 8(10), eabm2536.

Nordgaard C, et al. (2022) ZAK?? is activated by cellular compression and mediates contraction-induced MAP kinase signaling in skeletal muscle. *The EMBO journal*, 41(17), e111650.

Jo U, et al. (2021) Novel and Highly Potent ATR Inhibitor M4344 Kills Cancer Cells With Replication Stress, and Enhances the Chemotherapeutic Activity of Widely Used DNA Damaging Agents. *Molecular cancer therapeutics*, 20(8), 1431.

Gargantilla M, et al. (2021) Inhibition of XPO-1 Mediated Nuclear Export through the Michael-Acceptor Character of Chalcones. *Pharmaceuticals (Basel, Switzerland)*, 14(11).

Lloyd RL, et al. (2021) Loss of Cyclin C or CDK8 provides ATR inhibitor resistance by suppressing transcription-associated replication stress. *Nucleic acids research*, 49(15), 8665.

Ketkar A, et al. (2021) Human Rev1 relies on insert-2 to promote selective binding and accurate replication of stabilized G-quadruplex motifs. *Nucleic acids research*, 49(4), 2065.

Wang C, et al. (2021) Knock-Out of DHTKD1 Alters Mitochondrial Respiration and Function, and May Represent a Novel Pathway in Cardiometabolic Disease Risk. *Frontiers in endocrinology*, 12, 710698.

Persaud M, et al. (2021) Nuclear restriction of HIV-1 infection by SUN1. *Scientific reports*, 11(1), 19128.

Wolff L, et al. (2021) Comprehensive Evaluation of Biological Effects of Pentathiepins on Various Human Cancer Cell Lines and Insights into Their Mode of Action. *International journal of molecular sciences*, 22(14).

Khateb A, et al. (2021) The ubiquitin ligase RNF5 determines acute myeloid leukemia growth and susceptibility to histone deacetylase inhibitors. *Nature communications*, 12(1), 5397.

Gokhale A, et al. (2021) Mitochondrial Proteostasis Requires Genes Encoded in a Neurodevelopmental Syndrome Locus. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 41(31), 6596.

Gilchuk P, et al. (2020) Integrated pipeline for the accelerated discovery of antiviral antibody therapeutics. *Nature biomedical engineering*, 4(11), 1030.

Behnisch-Cornwell S, et al. (2020) The Effect of Glutathione Peroxidase-1 Knockout on Anticancer Drug Sensitivities and Reactive Oxygen Species in Haploid HAP-1 Cells. *Antioxidants (Basel, Switzerland)*, 9(12).

Pinto R, et al. (2020) The human methyltransferase ZCCHC4 catalyses N6-methyladenosine modification of 28S ribosomal RNA. *Nucleic acids research*, 48(2), 830.