

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

MS-1 [Human Merkel cell carcinoma]

RRID:CVCL_E995

Type: Cell Line

Proper Citation

RRID:CVCL_E995

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_E995

Proper Citation: RRID:CVCL_E995

Description: Cell line MS-1 [Human Merkel cell carcinoma] is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Merkel cell carcinoma

Defining Citation: [PMID:20444890](#), [PMID:23085629](#), [PMID:23563200](#), [PMID:29696010](#), [PMID:30873613](#)

Comments: Virology: Contains 2.1 copies of the genome of MCPyV per haploid cell (PubMed=23085629)., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: MS-1 [Human Merkel cell carcinoma]

Cross References: BEI_Resources:ARP-11714, cancercelllines:CVCL_E995, Cell_Model_Passport:SIDM00408, DepMap:ACH-001131, ECACC:09111802, FANTOM5_SSTAR:10844-111E7, Wikidata:Q54906753

ID: CVCL_E995

Record Creation Time: 20220427T220823+0000

Record Last Update: 20260829T234703+0000

Ratings and Alerts

No rating or validation information has been found for MS-1 [Human Merkel cell carcinoma].

No alerts have been found for MS-1 [Human Merkel cell carcinoma].

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 [RRID](#) .

Fagerstedt KW, et al. (2026) Antiviral regulator TRIM25 as a prognostic marker of better survival in Merkel cell carcinoma: Association with MCPyV status. International journal of cancer, 158(12), 3268.

Drouin A, et al. (2025) Optimization of Adcitmer, a Monomethyl-Auristatin E bearing antibody-drug conjugate for the treatment of CD56-expressing cancers. Journal for immunotherapy of cancer, 13(3).

Jeremian R, et al. (2025) Investigating the cell of origin and novel molecular targets in Merkel cell carcinoma: a historic misnomer. Molecular oncology.

Yang W, et al. (2025) A Polyomavirus-Positive Merkel Cell Carcinoma Mouse Model Supports a Unified Origin for Somatic and Germ Cell Cancers. Cancers, 17(17).

Martins C, et al. (2024) Tumor cell-intrinsic PD-1 promotes Merkel cell carcinoma growth by activating downstream mTOR-mitochondrial ROS signaling. Science advances, 10(3), eadi2012.

Esnault C, et al. (2022) Adcitmer?? , a new CD56-targeting monomethyl auristatin E-conjugated antibody, is a potential therapeutic approach in Merkel cell carcinoma. The British journal of dermatology, 186(2), 295.

Koubek EJ, et al. (2022) Therapeutic Potential of 5'-Methylschweinfurthin G in Merkel Cell Polyomavirus-Positive Merkel Cell Carcinoma. Viruses, 14(9).