

Resource Summary Report

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

LS14

RRID:CVCL_DH87

Type: Cell Line

Proper Citation

RRID:CVCL_DH87

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_DH87

Proper Citation: RRID:CVCL_DH87

Description: Cell line LS14 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Liposarcoma

Defining Citation: [PMID:16195405](#), [PMID:17426441](#)

Comments: Characteristics: Exhibits a gene expression pattern similar to that in primary preadipocytes and are capable of terminal differentiation. Can be considered as partially-differentiated preadipocytes that can be induce to terminally differentiate and accumulate lipid droplets following incubation in serum-free medium which contains a combination of adipogenic-inducing compounds (PubMed=16195405).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: LS14

Cross References: cancercellines:CVCL_DH87, GEO:GSM482561, Progenetix:CVCL_DH87, Wikidata:Q54903050

ID: CVCL_DH87

Record Creation Time: 20220427T220735+0000

Record Last Update: 20260829T234530+0000

Ratings and Alerts

No rating or validation information has been found for LS14.

No alerts have been found for LS14.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

D'Espessailles A, et al. (2020) Calcium sensing receptor activation in THP-1 macrophages triggers NLRP3 inflammasome and human preadipose cell inflammation. Molecular and cellular endocrinology, 501, 110654.

D'Espessailles A, et al. (2018) Calcium-sensing receptor activates the NLRP3 inflammasome in LS14 preadipocytes mediated by ERK1/2 signaling. Journal of cellular physiology, 233(8), 6232.

Mattar P, et al. (2018) Autophagy mediates calcium-sensing receptor-induced TNF?? production in human preadipocytes. Biochimica et biophysica acta. Molecular basis of disease, 1864(11), 3585.