

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

CHO-K1 UA10

RRID:CVCL_ZE99

Type: Cell Line

Proper Citation

RRID:CVCL_ZE99

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_ZE99

Proper Citation: RRID:CVCL_ZE99

Description: Cell line CHO-K1 UA10 is a Spontaneously immortalized cell line with a species of origin Cricetulus griseus (Chinese hamster)

Sex: Female

Defining Citation: [PMID:32346859](#)

Comments: Characteristics: Useful for the production of recombinant monoclonal antibodies as it provides a rapid and efficient selection method for the serial or simultaneous transfer of genes for multiple polypeptides of choice into the cells using readily available purine- and pyrimidine-free commercial media., Characteristics: Doubly auxotrophic; deficient in 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase (ATIC) and uridine monophosphate synthetase (UMPS), respectively disrupting the purine and pyrimidine de novo synthesis pathways.

Category: Spontaneously immortalized cell line

Organism: Cricetulus griseus (Chinese hamster)

Name: CHO-K1 UA10

Synonyms: UA10

Cross References: Wikidata:Q98125620

ID: CVCL_ZE99

Hierarchy: cvcl_0214

Record Creation Time: 20220427T215502+0000

Record Last Update: 20260801T235426+0000

Ratings and Alerts

No rating or validation information has been found for CHO-K1 UA10.

No alerts have been found for CHO-K1 UA10.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.