

Resource Summary Report

Generated by [dkNET](#) on Aug 21, 2026

CHO-K1-CNG-Gs

RRID:CVCL_C0RV

Type: Cell Line

Proper Citation

RRID:CVCL_C0RV

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_C0RV

Proper Citation: RRID:CVCL_C0RV

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

Sex: Female

Comments: Miscellaneous: Has Dexorgen catalog number CB-81300-100, but not distributed separately from children cell lines., Characteristics: Expresses a constitutively active over-expressed Gs-coupled GPCR. Serves as a parent cell line for various ACTOne PDE cell lines., Characteristics: Expresses a modified cyclic nucleotide gated (CNG) channel that opens in response to elevated intracellular cAMP levels and consequently result in ion flux and cell membrane depolarization. Allows sensitive detection of signaling by Gs, Gi or Gq-coupled receptors (Dexorgen).

Category: Spontaneously immortalized cell line

Organism: *Cricetulus griseus* (Chinese hamster)

Name: CHO-K1-CNG-Gs

Synonyms: CHO-K1-CNG

Cross References: Wikidata:Q112929380

ID: CVCL_C0RV

Hierarchy: cvcl_0214

Record Creation Time: 20220624T070407+0000

Record Last Update: 20260816T000325+0000

Ratings and Alerts

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

No alerts have been found for CHO-K1-CNG-Gs.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.