

# Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

## CHO-K1-CNG-Gs

RRID:CVCL\_C0RV

Type: Cell Line

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### Proper Citation

RRID:CVCL\_C0RV

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### Cell Line Information

**URL:** [https://web.expasy.org/cellosaurus/CVCL\\_C0RV](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

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## 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.

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## Data and Source Information

**Source:** [Cellosaurus](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.