

Resource Summary Report

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ACTOne cAMP-PDE4D

RRID:CVCL_C0U5

Type: Cell Line

Proper Citation

RRID:CVCL_C0U5

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_C0U5

Proper Citation: RRID:CVCL_C0U5

Description: Cell line ACTOne cAMP-PDE4D is a Spontaneously immortalized cell line with a species of origin *Cricetulus griseus* (Chinese hamster)

Sex: Female

Comments: Characteristics: Expresses a constitutively active over-expressed Gs-coupled GPCR (Dexorgen)., 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: ACTOne cAMP-PDE4D

Synonyms: ACTOne PDE4D, PDE4D ACTOne, CHO-K1-CNG-PDE4D

Cross References: Wikidata:Q112929141

ID: CVCL_C0U5

Hierarchy: cvcl_c0rv

Record Creation Time: 20220624T070215+0000

Record Last Update: 20260816T000320+0000

Ratings and Alerts

No rating or validation information has been found for ACTOne cAMP-PDE4D.

No alerts have been found for ACTOne cAMP-PDE4D.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.