

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

PathHunter CHO-K1 MRGPRX2 beta-arrestin

RRID:CVCL_KY49

Type: Cell Line

Proper Citation

DiscoverX Cat# 93-0309C2, RRID:CVCL_KY49

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_KY49

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Description: Cell line PathHunter CHO-K1 MRGPRX2 beta-arrestin is a Spontaneously immortalized cell line with a species of origin Cricetulus griseus (Chinese hamster)

Sex: Female

Comments: Characteristics: PathHunter beta-arrestin cell lines co-express a GPCR tagged with a beta-galactosidase fragment (ProLink=PK) and a beta-arrestin tagged with another fragment (Enzyme Acceptor=EA). Activation of the GPCR-PK induces beta-arrestin-EA recruitment and complementation of the PK and EA enzyme fragments thus resulting into a catalytically active enzyme that generate a chemiluminescent signal.

Category: Spontaneously immortalized cell line

Organism: Cricetulus griseus (Chinese hamster)

Name: PathHunter CHO-K1 MRGPRX2 beta-arrestin

Cross References: DiscoverX:93-0309C2, Wikidata:Q54937908

ID: CVCL_KY49

Vendor: DiscoverX

Catalog Number: 93-0309C2

Hierarchy: cvcl_0214

Record Creation Time: 20250130T072607+0000

Record Last Update: 20260905T184109+0000

Ratings and Alerts

No rating or validation information has been found for PathHunter CHO-K1 MRGPRX2 beta-arrestin.

No alerts have been found for PathHunter CHO-K1 MRGPRX2 beta-arrestin.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Grimes J, et al. (2019) MrgX2 is a promiscuous receptor for basic peptides causing mast cell pseudo-allergic and anaphylactoid reactions. Pharmacology research & perspectives, 7(6), e00547.