Resource Summary Report

Generated by NIF on Sep 16, 2026

PathHunter U2OS OPRD1 beta-arrestin-1

RRID:CVCL_LA96
Type: Cell Line

Proper Citation

RRID:CVCL_LA96

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_LA96

Proper Citation: RRID:CVCL_LA96

Description: Cell line PathHunter U2OS OPRD1 beta-arrestin-1 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Osteosarcoma

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., Population: Caucasian.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: PathHunter U2OS OPRD1 beta-arrestin-1

Cross References: DiscoverX:93-1084C3, Wikidata:Q54938238

ID: CVCL_LA96

Hierarchy: cvcl_0042

Record Creation Time: 20220427T221412+0000

Record Last Update: 20260913T005724+0000

Ratings and Alerts

No rating or validation information has been found for PathHunter U2OS OPRD1 beta-arrestin-1.

No alerts have been found for PathHunter U2OS OPRD1 beta-arrestin-1.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Meqbil YJ, et al. (2024) Identification of 1,3,8-Triazaspiro[4.5]Decane-2,4-Dione Derivatives as a Novel ?? Opioid Receptor-Selective Agonist Chemotype. The Journal of pharmacology and experimental therapeutics, 389(3), 301.

Blaine AT, et al. (2022) Exploration of beta-arrestin isoform signaling pathways in delta opioid receptor agonist-induced convulsions. Frontiers in pharmacology, 13, 914651.