

# Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

## PathHunter U2OS P2RY2 Activated GPCR Internalization

RRID:CVCL\_LB08

Type: Cell Line

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### Proper Citation

RRID:CVCL\_LB08

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### Cell Line Information

**URL:** [https://web.expasy.org/cellosaurus/CVCL\\_LB08](https://web.expasy.org/cellosaurus/CVCL_LB08)

**Proper Citation:** RRID:CVCL\_LB08

**Description:** Cell line PathHunter U2OS P2RY2 Activated GPCR Internalization is a Cancer cell line with a species of origin Homo sapiens (Human)

**Sex:** Female

**Disease:** Osteosarcoma

**Comments:** Characteristics: PathHunter activated GPCR internalization cell lines co-express an untagged GPCR, a beta-arrestin tagged with a beta-galactosidase fragment (Enzyme Acceptor=EA) and a second beta-galactosidase fragment (ProLink=PK) localized to the endosomes. Beta-arrestin recruitment is followed by internalization of the GPCR/arrestin-EA complex in PK-tagged endosomes and allowing 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 P2RY2 Activated GPCR Internalization

**Synonyms:** PathHunter P2RY2 Activated GPCR Internalization U2OS

**Cross References:** DiscoverX:93-0719C3, Wikidata:Q54938253

**ID:** CVCL\_LB08

**Hierarchy:** cvcl\_0042

**Record Creation Time:** 20220427T221412+0000

**Record Last Update:** 20260905T182026+0000

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## Ratings and Alerts

No rating or validation information has been found for PathHunter U2OS P2RY2 Activated GPCR Internalization.

No alerts have been found for PathHunter U2OS P2RY2 Activated GPCR Internalization.

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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.