

# Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

## PathHunter U2OS OPRK1 Total GPCR Internalization

RRID:CVCL\_LA98

Type: Cell Line

### Proper Citation

RRID:CVCL\_LA98

### Cell Line Information

**URL:** [https://web.expasy.org/cellosaurus/CVCL\\_LA98](https://web.expasy.org/cellosaurus/CVCL_LA98)

**Proper Citation:** RRID:CVCL\_LA98

**Description:** Cell line PathHunter U2OS OPRK1 Total GPCR Internalization is a Cancer cell line with a species of origin Homo sapiens (Human)

**Sex:** Female

**Disease:** Osteosarcoma

**Comments:** Characteristics: PathHunter total GPCR internalization cell lines co-express a tagged with a beta-galactosidase fragment (ProLink=PK) and a second beta-galactosidase fragment (Enzyme Acceptor=EA) localized to the endosomes. Activation of the GPCR-PK induces internalization of the receptor in EA-tagged endosomes 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 OPRK1 Total GPCR Internalization

**Synonyms:** PathHunter OPRK1 Total GPCR Internalization U2OS

**Cross References:** DiscoverX:93-0828C3, Wikidata:Q54938241

**ID:** CVCL\_LA98

**Hierarchy:** cvcl\_0042

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

**Record Last Update:** 20260920T005414+0000

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## Ratings and Alerts

No rating or validation information has been found for PathHunter U2OS OPRK1 Total GPCR Internalization.

No alerts have been found for PathHunter U2OS OPRK1 Total 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.