Resource Summary Report

Generated by RRID on Sep 1, 2026

pfmh-hCry1

RRID:Addgene_25843
Type: Plasmid

Proper Citation

RRID:Addgene_25843

Plasmid Information

URL: http://www.addgene.org/25843

Proper Citation: RRID:Addgene_25843

Insert Name: human Cryptochrome 1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:5274; Vector Backbone:pcDNA4; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pfmh-hCry1

Record Creation Time: 20220422T222115+0000

Record Last Update: 20260829T080253+0000

Ratings and Alerts

No rating or validation information has been found for pfmh-hCry1.

No alerts have been found for pfmh-hCry1.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Azzi A, et al. (2023) The circadian clock protein Cryptochrome 1 is a direct target and feedback regulator of the Hippo pathway. iScience, 26(8), 107449.

Jeong YU, et al. (2021) Development of Non-Ethoxypropanoic Acid Type Cryptochrome Inhibitors with Circadian Molecular Clock-Enhancing Activity by Bioisosteric Replacement. Pharmaceuticals (Basel, Switzerland), 14(6).

van der Watt PJ, et al. (2020) Circadian Oscillations Persist in Cervical and Esophageal Cancer Cells Displaying Decreased Expression of Tumor-Suppressing Circadian Clock Genes. Molecular cancer research : MCR, 18(9), 1340.

Rizzini L, et al. (2019) Cryptochromes-Mediated Inhibition of the CRL4Cop1-Complex Assembly Defines an Evolutionary Conserved Signaling Mechanism. Current biology : CB, 29(12), 1954.

Jang J, et al. (2018) The cryptochrome inhibitor KS15 enhances E-box-mediated transcription by disrupting the feedback action of a circadian transcription-repressor complex. Life sciences, 200, 49.

Mazzoccoli G, et al. (2016) Deregulated expression of cryptochrome genes in human colorectal cancer. Molecular cancer, 15, 6.