

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pFLAG-CMV-hErk1(K71R)

RRID:Addgene_49329

Type: Plasmid

Proper Citation

RRID:Addgene_49329

Plasmid Information

URL: <http://www.addgene.org/49329>

Proper Citation: RRID:Addgene_49329

Insert Name: Erk1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Vector Backbone:p3xFLAG-CMV7.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pFLAG-CMV-hErk1(K71R)

Relevant Mutation: K71R

Record Creation Time: 20220422T222254+0000

Record Last Update: 20260725T074757+0000

Ratings and Alerts

No rating or validation information has been found for pFLAG-CMV-hErk1(K71R).

No alerts have been found for pFLAG-CMV-hErk1(K71R).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Valli F, et al. (2020) Crosstalk between oxidative stress-induced apoptotic and autophagic signaling pathways in Zn(II) phthalocyanine photodynamic therapy of melanoma. *Free radical biology & medicine*, 152, 743.

Kon E, et al. (2019) N-cadherin-regulated FGFR ubiquitination and degradation control mammalian neocortical projection neuron migration. *eLife*, 8.

Lun XK, et al. (2019) Analysis of the Human Kinome and Phosphatome by Mass Cytometry Reveals Overexpression-Induced Effects on Cancer-Related Signaling. *Molecular cell*, 74(5), 1086.

Yan Y, et al. (2015) Extracellular regulated protein kinases 1/2 phosphorylation is required for hepatic differentiation of human umbilical cord-derived mesenchymal stem cells. *Experimental biology and medicine* (Maywood, N.J.), 240(4), 534.

Chen X, et al. (2015) Fibulin-5 inhibits Wnt/??-catenin signaling in lung cancer. *Oncotarget*, 6(17), 15022.