Resource Summary Report

Generated by dkNET on Sep 6, 2026

pFLAG-CMV-hErk1

RRID:Addgene_49328
Type: Plasmid

Proper Citation

RRID:Addgene_49328

Plasmid Information

URL: http://www.addgene.org/49328

Proper Citation: RRID:Addgene_49328

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

Record Creation Time: 20220422T222254+0000

Record Last Update: 20260905T075730+0000

Ratings and Alerts

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

No alerts have been found for pFLAG-CMV-hErk1.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Srivastava J, et al. (2025) Blocking Nitrosylation Induces Immunogenic Cell Death by Sensitizing NRAS-Mutant Melanoma to MEK Inhibitors. Cancer research, 85(12), 2268.

Azizi SA, et al. (2023) Regulation of ERK2 activity by dynamic S-acylation. Cell reports, 42(9), 113135.

Keen AN, et al. (2022) Eukaryotic initiation factor 6 regulates mechanical responses in endothelial cells. The Journal of cell biology, 221(2).

Stefanoska K, et al. (2022) Alzheimer's disease: Ablating single master site abolishes tau hyperphosphorylation. Science advances, 8(27), eabl8809.

Zhu G, et al. (2021) TRIM15 and CYLD regulate ERK activation via lysine-63-linked polyubiquitination. Nature cell biology, 23(9), 978.

Lin YK, et al. (2020) Negative MAPK-ERK regulation sustains CIC-DUX4 oncoprotein expression in undifferentiated sarcoma. Proceedings of the National Academy of Sciences of the United States of America, 117(34), 20776.

Qu H, et al. (2020) Berberine reduces temozolomide resistance by inducing autophagy via the ERK1/2 signaling pathway in glioblastoma. Cancer cell international, 20(1), 592.

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

Sabbir MG, et al. (2019) Progesterone induced Warburg effect in HEK293 cells is associated with post-translational modifications and proteasomal degradation of progesterone receptor membrane component 1. The Journal of steroid biochemistry and molecular biology, 191, 105376.

Oh SE, et al. (2018) The Parkinson's disease gene product DJ-1 modulates miR-221 to promote neuronal survival against oxidative stress. Redox biology, 19, 62.

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