Resource Summary Report

Generated by dkNET on Aug 20, 2026

pCMV5-rat ERK2-L73P/S151D

RRID:Addgene_40819
Type: Plasmid

Proper Citation

RRID:Addgene_40819

Plasmid Information

URL: http://www.addgene.org/40819

Proper Citation: RRID:Addgene_40819

Insert Name: MAPK1

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: PMID:11591711

Vector Backbone Description: Backbone Marker:David Russell, UTSW; Backbone Size:4700; Vector Backbone:pCMV5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCMV5-rat ERK2-L73P/S151D

Relevant Mutation: L73P, S151D

Record Creation Time: 20220422T222211+0000

Record Last Update: 20260815T081439+0000

Ratings and Alerts

No rating or validation information has been found for pCMV5-rat ERK2-L73P/S151D.

No alerts have been found for pCMV5-rat ERK2-L73P/S151D.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Khongsti K, et al. (2021) MAPK pathway and SIRT1 are involved in the down-regulation of secreted osteopontin expression by genistein in metastatic cancer cells. Life sciences, 265, 118787.

Gao X, et al. (2017) MAP4K4 is a novel MAPK/ERK pathway regulator required for lung adenocarcinoma maintenance. Molecular oncology, 11(6), 628.

Hall ET, et al. (2015) Ras-activated Dsor1 promotes Wnt signaling in Drosophila development. Journal of cell science, 128(24), 4499.