

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pCMV5-rat ERK2-D319N

RRID:Addgene_40820

Type: Plasmid

Proper Citation

RRID:Addgene_40820

Plasmid Information

URL: <http://www.addgene.org/40820>

Proper Citation: RRID:Addgene_40820

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-D319N

Relevant Mutation: D319N

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-D319N.

No alerts have been found for pCMV5-rat ERK2-D319N.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Virard F, et al. (2024) Targeting ERK-MYD88 interaction leads to ERK dysregulation and immunogenic cancer cell death. Nature communications, 15(1), 7037.