

Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

pcDNA3-HA-ERK5

RRID:Addgene_65244

Type: Plasmid

Proper Citation

RRID:Addgene_65244

Plasmid Information

URL: <http://www.addgene.org/65244>

Proper Citation: RRID:Addgene_65244

Insert Name: ERK5

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:12042304](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5446;
Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial
Resistance:Ampicillin

Plasmid Name: pcDNA3-HA-ERK5

Relevant Mutation: A409T

Record Creation Time: 20220422T222412+0000

Record Last Update: 20260905T075937+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-HA-ERK5.

No alerts have been found for pcDNA3-HA-ERK5.

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 [NIF](#) .

de Mattos K, et al. (2025) Identification of MEF2A, MEF2C, and MEF2D interactomes in basal and Fsk-stimulated mouse MA-10 Leydig cells. Andrology.

de Mattos K, et al. (2023) ERK5 Cooperates With MEF2C to Regulate Nr4a1 Transcription in MA-10 and MLTC-1 Leydig Cells. Endocrinology, 164(9).

Vaseva AV, et al. (2018) KRAS Suppression-Induced Degradation of MYC Is Antagonized by a MEK5-ERK5 Compensatory Mechanism. Cancer cell, 34(5), 807.