

# Resource Summary Report

Generated by [kravitz2](#) on Aug 9, 2026

## pcDNA3-HA-ERK5

RRID:Addgene\_65244

Type: Plasmid

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### Proper Citation

RRID:Addgene\_65244

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### 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:** 20260808T082002+0000

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### Ratings and Alerts

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

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

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### 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 [kravitz2](#) .

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.