

# Resource Summary Report

Generated by [dkNET](#) on Aug 5, 2026

## pGEX4T3-HA-ERK2 GOF

RRID:Addgene\_53200

Type: Plasmid

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### Proper Citation

RRID:Addgene\_53200

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### Plasmid Information

**URL:** <http://www.addgene.org/53200>

**Proper Citation:** RRID:Addgene\_53200

**Insert Name:** ERK2

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:24717435](#)

**Vector Backbone Description:** Backbone Marker:GE Healthcare; Backbone Size:4968; Vector Backbone:pGEX4T3; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

**Comments:** The sequence discrepancies found during the QC process have no functional consequence.

**Plasmid Name:** pGEX4T3-HA-ERK2 GOF

**Relevant Mutation:** R67S/D321N

**Record Creation Time:** 20220422T222312+0000

**Record Last Update:** 20260801T081442+0000

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### Ratings and Alerts

No rating or validation information has been found for pGEX4T3-HA-ERK2 GOF.

No alerts have been found for pGEX4T3-HA-ERK2 GOF.

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### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Mont?? D, et al. (2025) Structural basis of human Mediator recruitment by the phosphorylated transcription factor Elk-1. Nature communications, 16(1), 3772.