

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 29, 2026

## pET23a-His-hRanGAP1tail

RRID:Addgene\_53139

Type: Plasmid

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### Proper Citation

RRID:Addgene\_53139

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### Plasmid Information

**URL:** <http://www.addgene.org/53139>

**Proper Citation:** RRID:Addgene\_53139

**Insert Name:** RanGAP1

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:22350878](#)

**Vector Backbone Description:** Backbone Marker:Novagen; Backbone Size:3666; Vector Backbone:pET23a; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** pET23a-His-hRanGAP1tail

**Relevant Mutation:** C-terminal fragment (amino acids 398-587)

**Record Creation Time:** 20220422T222311+0000

**Record Last Update:** 20260829T080654+0000

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### Ratings and Alerts

No rating or validation information has been found for pET23a-His-hRanGAP1tail.

No alerts have been found for pET23a-His-hRanGAP1tail.

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### Data and Source Information

**Source:** [Addgene](#)

## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Garvin AJ, et al. (2025) SUMO4 promotes SUMO deconjugation required for DNA double-strand-break repair. *Molecular cell*, 85(5), 877.

Lanz AJ, et al. (2025) HDAC6-dependent deacetylation of SAE2 enhances SUMO1 conjugation for mitotic integrity. *The EMBO journal*.