

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pSG5-His-SUMO1

RRID:Addgene_17271

Type: Plasmid

Proper Citation

RRID:Addgene_17271

Plasmid Information

URL: <http://www.addgene.org/17271>

Proper Citation: RRID:Addgene_17271

Insert Name: SUMO1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16352559](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:4000; Vector Backbone:pSG5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pSG5-His-SUMO1

Record Creation Time: 20220422T222002+0000

Record Last Update: 20260815T081027+0000

Ratings and Alerts

No rating or validation information has been found for pSG5-His-SUMO1.

No alerts have been found for pSG5-His-SUMO1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Yuan H, et al. (2026) Protein SUMOylation confers sorafenib resistance in human hepatocellular carcinoma via the induction of PKM2-mediated glycolysis. Drug resistance updates : reviews and commentaries in antimicrobial and anticancer chemotherapy, 88, 101451.

Tucker SK, et al. (2025) Coilin and SUMOylation influence PARP1 dynamics and the DNA damage response. Journal of cell science, 138(10).

Packham S, et al. (2015) The Nucleus-Localized Epidermal Growth Factor Receptor Is SUMOylated. Biochemistry, 54(33), 5157.

Li D, et al. (2013) cAMP-stimulated phosphorylation of diaphanous 1 regulates protein stability and interaction with binding partners in adrenocortical cells. Molecular biology of the cell, 24(6), 848.