

Resource Summary Report

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

pET28a-SENP2 (catalytic domain)

RRID:Addgene_16357

Type: Plasmid

Proper Citation

RRID:Addgene_16357

Plasmid Information

URL: <http://www.addgene.org/16357>

Proper Citation: RRID:Addgene_16357

Insert Name: human SENP2 catalytic domain

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:17591783](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:5369; Vector Backbone:pET28a; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pET28a-SENP2 (catalytic domain)

Relevant Mutation: Amino Acid 365 to 590 catalytic domain of human SENP2.

Record Creation Time: 20220422T221925+0000

Record Last Update: 20260815T080913+0000

Ratings and Alerts

No rating or validation information has been found for pET28a-SENP2 (catalytic domain).

No alerts have been found for pET28a-SENP2 (catalytic domain).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Wandera KG, et al. (2025) AcrVIB1 inhibits CRISPR-Cas13b immunity by promoting unproductive crRNA binding accessible to RNase attack. *Molecular cell*, 85(6), 1162.

Kueck AF, et al. (2024) Alternating binding and p97-mediated dissociation of SDS22 and I3 recycles active PP1 between holophosphatases. *Proceedings of the National Academy of Sciences of the United States of America*, 121(36), e2408787121.

Williams C, et al. (2023) The Ufd1 cofactor determines the linkage specificity of polyubiquitin chain engagement by the AAA+ ATPase Cdc48. *Molecular cell*, 83(5), 759.

Liu W, et al. (2023) Lactate regulates cell cycle by remodelling the anaphase promoting complex. *Nature*, 616(7958), 790.

Fottner M, et al. (2021) A modular toolbox to generate complex polymeric ubiquitin architectures using orthogonal sortase enzymes. *Nature communications*, 12(1), 6515.

Leonen CJA, et al. (2021) Sumoylation of the human histone H4 tail inhibits p300-mediated transcription by RNA polymerase II in cellular extracts. *eLife*, 10.

Bard JAM, et al. (2019) The 26S Proteasome Utilizes a Kinetic Gateway to Prioritize Substrate Degradation. *Cell*, 177(2), 286.

Olszewski MM, et al. (2019) The Cdc48 unfoldase prepares well-folded protein substrates for degradation by the 26S proteasome. *Communications biology*, 2, 29.