Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

pET23b-Casp3-His

RRID:Addgene_11821
Type: Plasmid

Proper Citation

RRID:Addgene_11821

Plasmid Information

URL: http://www.addgene.org/11821

Proper Citation: RRID:Addgene_11821

Insert Name: Caspase 3

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:9065443

Vector Backbone Description: Backbone Size:3666; Vector Backbone:pET-23 b; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pET23b-Casp3-His

Record Creation Time: 20220422T221618+0000

Record Last Update: 20260808T080543+0000

Ratings and Alerts

No rating or validation information has been found for pET23b-Casp3-His.

No alerts have been found for pET23b-Casp3-His.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

Tan ZY, et al. (2025) Development of an FKBP12-recruiting chemical-induced proximity DNA-encoded library and its application to discover an autophagy potentiator. Cell chemical biology, 32(3), 498.

Hanna R, et al. (2023) In-Depth Characterization of Apoptosis N-Terminome Reveals a Link Between Caspase-3 Cleavage and Posttranslational N-Terminal Acetylation. Molecular & cellular proteomics : MCP, 22(7), 100584.

Soni IV, et al. (2021) Caspase-9 Activation of Procaspase-3 but Not Procaspase-6 Is Based on the Local Context of Cleavage Site Motifs and on Sequence. Biochemistry, 60(37), 2824.

Araya LE, et al. (2021) Deorphanizing Caspase-3 and Caspase-9 Substrates In and Out of Apoptosis with Deep Substrate Profiling. ACS chemical biology, 16(11), 2280.

Ruan Z, et al. (2020) Structures of human pannexin 1 reveal ion pathways and mechanism of gating. Nature, 584(7822), 646.

Panneer Selvam S, et al. (2018) Balance between senescence and apoptosis is regulated by telomere damage-induced association between p16 and caspase-3. The Journal of biological chemistry, 293(25), 9784.

Halawani D, et al. (2018) Structural control of caspase-generated glutamyl-tRNA synthetase by appended noncatalytic WHEP domains. The Journal of biological chemistry, 293(23), 8843.

Huber KL, et al. (2018) Caspase-9 CARD : core domain interactions require a properly formed active site. The Biochemical journal, 475(6), 1177.

Smith CE, et al. (2017) Non-steroidal Anti-inflammatory Drugs Are Caspase Inhibitors. Cell chemical biology, 24(3), 281.

Qian L, et al. (2016) Grb7 and Hax1 may colocalize partially to mitochondria in EGF-treated SKBR3 cells and their interaction can affect Caspase3 cleavage of Hax1. Journal of molecular recognition : JMR, 29(7), 318.

Hwang D, et al. (2016) A facile method to prepare large quantities of active caspase-3 overexpressed by auto-induction in the C41(DE3) strain. Protein expression and purification, 126, 104.

Waldron-Roby E, et al. (2015) Sox11 Reduces Caspase-6 Cleavage and Activity. PloS one, 10(10), e0141439.

Heinemann D, et al. (2014) Delivery of proteins to mammalian cells via gold nanoparticle mediated laser transfection. Nanotechnology, 25(24), 245101.

Turowec JP, et al. (2014) An unbiased proteomic screen reveals caspase cleavage is positively and negatively regulated by substrate phosphorylation. Molecular & cellular proteomics : MCP, 13(5), 1184.

Halawani D, et al. (2010) Identification of Caspase-6-mediated processing of the valosin containing protein (p97) in Alzheimer's disease: a novel link to dysfunction in ubiquitin proteasome system-mediated protein degradation. The Journal of neuroscience : the official journal of the Society for Neuroscience, 30(17), 6132.