

Resource Summary Report

Generated by [RRID](#) on Sep 6, 2026

Flag-clAP2/pRK5

RRID:Addgene_27973

Type: Plasmid

Proper Citation

RRID:Addgene_27973

Plasmid Information

URL: <http://www.addgene.org/27973>

Proper Citation: RRID:Addgene_27973

Insert Name: CIAP2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16395405](#)

Vector Backbone Description: Vector Backbone:pRK5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: This plasmid has also been used and described in the following publication: Cellular inhibitor of apoptosis 1 and 2 are ubiquitin ligases for the apoptosis inducer Smac/DIABLO. Hu et al (J Biol Chem. 2003 Mar 21;278(12):10055-60. Epub 2003 Jan 13. <https://www.ncbi.nlm.nih.gov/pubmed/12525502>)

Plasmid Name: Flag-clAP2/pRK5

Record Creation Time: 20220422T222126+0000

Record Last Update: 20260905T075445+0000

Ratings and Alerts

No rating or validation information has been found for Flag-clAP2/pRK5.

No alerts have been found for Flag-clAP2/pRK5.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Wang C, et al. (2025) cIAP2-mediated IGF2BP2 ubiquitination and degradation regulate cardiomyocyte apoptosis via stabilizing m6A-modified BAX mRNA in myocardial infarction. *Cell biology and toxicology*, 41(1), 92.

Wang S, et al. (2019) The triptolide-induced apoptosis of osteoclast precursor by degradation of cIAP2 and treatment of rheumatoid arthritis of TNF-transgenic mice. *Phytotherapy research : PTR*, 33(2), 342.

Lasso G, et al. (2019) A Structure-Informed Atlas of Human-Virus Interactions. *Cell*, 178(6), 1526.

Högstrand K, et al. (2018) Transformation of mouse T cells requires MYC and AKT activity in conjunction with inhibition of intrinsic apoptosis. *Oncotarget*, 9(30), 21396.

Mohr A, et al. (2018) Caspase-10: a molecular switch from cell-autonomous apoptosis to communal cell death in response to chemotherapeutic drug treatment. *Cell death and differentiation*, 25(2), 340.

Yu X, et al. (2015) Neoalbacinol induces cell death through necroptosis by regulating RIPK-dependent autocrine TNF α and ROS production. *Oncotarget*, 6(4), 1995.

Zhou AY, et al. (2013) IKK α -mediated tumorigenesis requires K63-linked polyubiquitination by a cIAP1/cIAP2/TRAFF2 E3 ubiquitin ligase complex. *Cell reports*, 3(3), 724.