Resource Summary Report

Generated by RRID on Sep 3, 2026

hBax C3-EGFP

RRID:Addgene_19741
Type: Plasmid

Proper Citation

RRID:Addgene_19741

Plasmid Information

URL: http://www.addgene.org/19741

Proper Citation: RRID:Addgene_19741

Insert Name: Bax

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: PMID:10228148

Vector Backbone Description: Backbone Size:4700; Vector Backbone:C3-EGFP; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: hBax C3-EGFP

Relevant Mutation: none

Record Creation Time: 20220422T222047+0000

Record Last Update: 20260902T043522+0000

Ratings and Alerts

No rating or validation information has been found for hBax C3-EGFP.

No alerts have been found for hBax C3-EGFP.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Nakagawa-Saito Y, et al. (2025) HDAC Class I Inhibitor Domatinostat Induces Apoptosis Preferentially in Glioma Stem Cells Through p53-Dependent and -Independent Activation of BAX Expression. International journal of molecular sciences, 26(16).

Schweighofer SV, et al. (2024) Endogenous BAX and BAK form mosaic rings of variable size and composition on apoptotic mitochondria. Cell death and differentiation, 31(4), 469.

Lampart A, et al. (2023) Intracellular FGF1 protects cells from apoptosis through direct interaction with p53. Cellular and molecular life sciences : CMLS, 80(10), 311.

Liu T, et al. (2021) Pharmacologic Targeting of Mcl-1 Induces Mitochondrial Dysfunction and Apoptosis in B-Cell Lymphoma Cells in a TP53- and BAX-Dependent Manner. Clinical cancer research : an official journal of the American Association for Cancer Research, 27(17), 4910.

Matreyek KA, et al. (2020) An improved platform for functional assessment of large protein libraries in mammalian cells. Nucleic acids research, 48(1), e1.

Ader NR, et al. (2019) Molecular and topological reorganizations in mitochondrial architecture interplay during Bax-mediated steps of apoptosis. eLife, 8.

Kale J, et al. (2018) Phosphorylation switches Bax from promoting to inhibiting apoptosis thereby increasing drug resistance. EMBO reports, 19(9).

Rudd AK, et al. (2018) Traceless synthesis of ceramides in living cells reveals saturation-dependent apoptotic effects. Proceedings of the National Academy of Sciences of the United States of America, 115(29), 7485.

Mattiolo P, et al. (2014) Cell death induced by 2-phenylethynesulfonamide uncovers a pro-survival function of BAX. Cancer letters, 354(1), 115.

Joshi GN, et al. (2013) Multi-parametric analysis of cell death pathways using live-cell microscopy. Current protocols in toxicology, 58.

Parrondo R, et al. (2013) ABT-737, a small molecule Bcl-2/Bcl-xL antagonist, increases antimitotic-mediated apoptosis in human prostate cancer cells. PeerJ, 1, e144.

Ahmad R, et al. (2012) The MUC1-C oncoprotein binds to the BH3 domain of the pro-apoptotic BAX protein and blocks BAX function. The Journal of biological chemistry, 287(25), 20866.