

# Resource Summary Report

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

## pRibo-APEX2

RRID:Addgene\_111698

Type: Plasmid

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### Proper Citation

RRID:Addgene\_111698

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### Plasmid Information

**URL:** <http://www.addgene.org/111698>

**Proper Citation:** RRID:Addgene\_111698

**Insert Name:** APEX2

**Organism:** Other

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:29708735](#)

**Vector Backbone Description:** Vector Backbone:pRibo BsaHind; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

**Comments:** This plasmid is for theophylline-inducible expression of APEX2 in the cytoplasm of mycobacteria. It is episomal and multi-copy. The APEX gene was subcloned from pcDNA3-mito-APEX and subsequently mutated by site-directed mutagenesis to generate the optimized variant APEX2. See also references: Rhee HW, Zou P, Udeshi ND, Martell JD, Mootha VK, Carr SA, Ting AY. Proteomic mapping of mitochondria in living cells via spatially restricted enzymatic tagging. Science. 2013;339(6125):1328-31. PMCID: 3916822. Lam SS, Martell JD, Kamer KJ, Deerinck TJ, Ellisman MH, Mootha VK, Ting AY. Directed evolution of APEX2 for electron microscopy and proximity labeling. Nat Methods. 2015;12(1):51-4. PMCID: 4296904

**Plasmid Name:** pRibo-APEX2

**Record Creation Time:** 20220422T221544+0000

**Record Last Update:** 20260815T080153+0000

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### Ratings and Alerts

No rating or validation information has been found for pRibo-APEX2.

No alerts have been found for pRibo-APEX2.

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.