

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

EGFP-hPMCA4bct120

RRID:Addgene_47593

Type: Plasmid

Proper Citation

RRID:Addgene_47593

Plasmid Information

URL: <http://www.addgene.org/47593>

Proper Citation: RRID:Addgene_47593

Insert Name: PMCA4bct120

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: x/b splice variant of human PMCA4

Plasmid Name: EGFP-hPMCA4bct120

Relevant Mutation: 120 C terminal AA deleted (constitutively active form)

Record Creation Time: 20220422T222245+0000

Record Last Update: 20260815T081542+0000

Ratings and Alerts

No rating or validation information has been found for EGFP-hPMCA4bct120.

No alerts have been found for EGFP-hPMCA4bct120.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Allegrini B, et al. (2025) A new regulation mechanism for KCNN4, the Ca^{2+} -dependent K^{+} channel, by molecular interactions with the Ca^{2+} pump PMCA4b. The Journal of biological chemistry, 301(2), 108114.