

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

cacnb2a (rat) in pMT2 vector

RRID:Addgene_107424

Type: Plasmid

Proper Citation

RRID:Addgene_107424

Plasmid Information

URL: <http://www.addgene.org/107424>

Proper Citation: RRID:Addgene_107424

Insert Name: calcium channel beta2a auxillary subunit

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9705988](#)

Vector Backbone Description: Backbone Size:5163; Vector Backbone:pMT2; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: We received it in pBluescript and subcloned it into pMT2 plasmid.

Plasmid Name: cacnb2a (rat) in pMT2 vector

Record Creation Time: 20220422T221521+0000

Record Last Update: 20260725T073432+0000

Ratings and Alerts

No rating or validation information has been found for cacnb2a (rat) in pMT2 vector.

No alerts have been found for cacnb2a (rat) in pMT2 vector.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

He LS, et al. (2023) Molecular tuning of sea anemone stinging. eLife, 12.

He LS, et al. (2023) Molecular tuning of sea anemone stinging. bioRxiv : the preprint server for biology.

Martins HC, et al. (2022) Bipolar-associated miR-499-5p controls neuroplasticity by downregulating the Cav1.2 subunit CACNB2. EMBO reports, 23(10), e54420.

Weir K, et al. (2020) A molecular filter for the cnidarian stinging response. eLife, 9.