

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

Cav2.2e[a10,?18a, ?24a, 31a, 37b, 46]

RRID:Addgene_26567

Type: Plasmid

Proper Citation

RRID:Addgene_26567

Plasmid Information

URL: <http://www.addgene.org/26567>

Proper Citation: RRID:Addgene_26567

Insert Name: calcium channel alpha-1B subunit

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9010213](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5100; Vector Backbone:pcDNA6/V5-His ABC; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Isolated from superior cervical ganglia. For more information about this plasmid:
<http://neuroscience.brown.edu/LipscombeLab/homepage/otherpages/clonespage/clonespage1.htm>

Plasmid Name: Cav2.2e[a10,?18a, ?24a, 31a, 37b, 46]

Relevant Mutation: Contains exons a10, 31a, 37b, and 46. Deletion of exons 18a and 24a.

Record Creation Time: 20220422T222119+0000

Record Last Update: 20260815T081254+0000

Ratings and Alerts

No rating or validation information has been found for Cav2.2e[a10,?18a, ?24a, 31a, 37b, 46].

No alerts have been found for Cav2.2e[a10,?18a, ?24a, 31a, 37b, 46].

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Trovò L, et al. (2024) Synaptotagmin-11 facilitates assembly of a presynaptic signaling complex in post-Golgi cargo vesicles. EMBO reports, 25(6), 2610.

Scott MB, et al. (2017) CaV2 channel subtype expression in rat sympathetic neurons is selectively regulated by ?2? subunits. Channels (Austin, Tex.), 11(6), 555.