Resource Summary Report

Generated by RRID on Aug 17, 2026

pCAG-HA-rat Nrxn1beta AS4(-)

RRID:Addgene_58267
Type: Plasmid

Proper Citation

RRID:Addgene_58267

Plasmid Information

URL: http://www.addgene.org/58267

Proper Citation: RRID:Addgene_58267

Insert Name: Nrxn1beta AS4(-)

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: PMID:17360903

Vector Backbone Description: Backbone Size:4869; Vector Backbone:pCAGGS; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: See map & sequence file for insert-releasing enzymes (e.g. NheI / KpnI). Insert can also be released by single digest using XhoI. The rat neurexin 1 beta encoded by this plasmid lacks alternatively spliced segment 4 (AS4), and contains the region homologous to alternatively spliced segment 5 (AS5) of mouse neurexin 1 beta (compare Schreiner et al., Neuron, 2014 [DOI: 10.1016/j.neuron.2014.09.011]). Note: HA-epitope tag was introduced at the mature N-terminus.

Plasmid Name: pCAG-HA-rat Nrxn1beta AS4(-)

Relevant Mutation: see comments

Record Creation Time: 20220422T222337+0000

Record Last Update: 20260815T081714+0000

Ratings and Alerts

No rating or validation information has been found for pCAG-HA-rat Nrxn1beta AS4(-).

No alerts have been found for pCAG-HA-rat Nrxn1beta AS4(-).

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 .

Tibbe D, et al. (2021) Functional analysis of CASK transcript variants expressed in human brain. PloS one, 16(6), e0253223.

Tu YK, et al. (2018) The Adhesion-GPCR BAI1 Promotes Excitatory Synaptogenesis by Coordinating Bidirectional Trans-synaptic Signaling. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(39), 8388.