

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pRc/CMV HA TrkA

RRID:Addgene_39977

Type: Plasmid

Proper Citation

RRID:Addgene_39977

Plasmid Information

URL: <http://www.addgene.org/39977>

Proper Citation: RRID:Addgene_39977

Insert Name: TrkA

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9927421](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5500; Vector Backbone:pRC/CMV AC7 vector, a derivative of the pRC/CMV vector; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: cloned in the pRC/CMV AC7 vector, a derivative of the pRC/CMV vector (Invitrogen), which contains the BM40 signal peptide Please note that the endogenous signal sequence of TrkA was replaced by the BM40 signal peptide sequence (MRAWIFFLLCLAGRALAAPLA). When compared to GenBank ID NP_067600.1, the TrkA protein sequence starts at amino acid #30

Plasmid Name: pRc/CMV HA TrkA

Relevant Mutation: endogenous signal sequence was replaced with BM40 and HA tag

Record Creation Time: 20220422T222208+0000

Record Last Update: 20260815T081432+0000

Ratings and Alerts

No rating or validation information has been found for pRc/CMV HA TrkA.

No alerts have been found for pRc/CMV HA TrkA.

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](#) .

Fukaya M, et al. (2024) EFA6A, an Exchange Factor for Arf6, Regulates NGF-Dependent TrkA Recycling From Early Endosomes and Neurite Outgrowth in PC12 Cells. Traffic (Copenhagen, Denmark), 25(5), e12936.