

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

TrkB mEGFP

RRID:Addgene_83952

Type: Plasmid

Proper Citation

RRID:Addgene_83952

Plasmid Information

URL: <http://www.addgene.org/83952>

Proper Citation: RRID:Addgene_83952

Insert Name: Tropomyosin related kinase B

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27680698](#)

Vector Backbone Description: Vector Backbone:pEGFP-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: TrkB mEGFP

Record Creation Time: 20220422T222542+0000

Record Last Update: 20260725T075250+0000

Ratings and Alerts

No rating or validation information has been found for TrkB mEGFP.

No alerts have been found for TrkB mEGFP.

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](#) .

Legutko D, et al. (2025) BDNF-driven synaptic plasticity requires autocrine matrix metalloproteinase-9 activity. *Science advances*, 11(39), eadx2369.

Swain M, et al. (2023) Brain-derived neurotrophic factor protects neurons by stimulating mitochondrial function through protein kinase A. *Journal of neurochemistry*, 167(1), 104.

Ilchibaeva T, et al. (2022) Serotonin Receptor 5-HT2A Regulates TrkB Receptor Function in Heteroreceptor Complexes. *Cells*, 11(15).

Sidibe DK, et al. (2022) Brain-derived neurotrophic factor stimulates the retrograde pathway for axonal autophagy. *The Journal of biological chemistry*, 298(12), 102673.