

Resource Summary Report

Generated by [dkNET](#) on Aug 18, 2026

TrkA-RFP

RRID:Addgene_24093

Type: Plasmid

Proper Citation

RRID:Addgene_24093

Plasmid Information

URL: <http://www.addgene.org/24093>

Proper Citation: RRID:Addgene_24093

Insert Name: TrkA

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:5000; Vector Backbone:pDSRed2; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: TrkA-RFP

Relevant Mutation: H7L, G21S, V23M, C32S, T39V

Record Creation Time: 20220422T222107+0000

Record Last Update: 20260815T081229+0000

Ratings and Alerts

No rating or validation information has been found for TrkA-RFP.

No alerts have been found for TrkA-RFP.

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 [dkNET](#) .

Blake MR, et al. (2022) Small Molecules Targeting PTP??-Trk Interactions Promote Sympathetic Nerve Regeneration. ACS chemical neuroscience, 13(5), 688.

Markworth R, et al. (2021) Tubular microdomains of Rab7-positive endosomes retrieve TrkA, a mechanism disrupted in Charcot-Marie-Tooth disease 2B. Journal of cell science, 134(20).

Leopold AV, et al. (2019) Neurotrophin receptor tyrosine kinases regulated with near-infrared light. Nature communications, 10(1), 1129.

Dhandapani R, et al. (2018) Control of mechanical pain hypersensitivity in mice through ligand-targeted photoablation of TrkB-positive sensory neurons. Nature communications, 9(1), 1640.