

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

pEGFP_TRPM8

RRID:Addgene_64879

Type: Plasmid

Proper Citation

RRID:Addgene_64879

Plasmid Information

URL: <http://www.addgene.org/64879>

Proper Citation: RRID:Addgene_64879

Insert Name: Transient receptor potential cation channel subfamily M member 8

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:25589752](#)

Vector Backbone Description: Backbone Size:4727; Vector Backbone:pEGFP_C3;
Vector Types;; Bacterial Resistance:Kanamycin

Plasmid Name: pEGFP_TRPM8

Record Creation Time: 20220422T222410+0000

Record Last Update: 20260905T075934+0000

Ratings and Alerts

No rating or validation information has been found for pEGFP_TRPM8.

No alerts have been found for pEGFP_TRPM8.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Elkin L, et al. (2026) Clonazepam activates the transient receptor potential melastatin 8 (TRPM8) ion channel. bioRxiv : the preprint server for biology.

Yadav P, et al. (2025) Identification of Phialomustin?B (PHL-B) as a Novel Natural TRPA1 Channel Inhibitor. ACS omega, 10(34), 39192.

Stratiievska A, et al. (2024) Cold temperature induces a TRPM8-independent calcium release from the endoplasmic reticulum in human platelets. PloS one, 19(3), e0289395.

Stratiievska A, et al. (2023) Cold temperature induces a TRPM8-independent calcium release from the endoplasmic reticulum in human platelets. bioRxiv : the preprint server for biology.

Duret G, et al. (2019) Magnetic Entropy as a Proposed Gating Mechanism for Magnetogenetic Ion Channels. Biophysical journal, 116(3), 454.

Stratiievska A, et al. (2018) Reciprocal regulation among TRPV1 channels and phosphoinositide 3-kinase in response to nerve growth factor. eLife, 7.