

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

TRPML1-HA

RRID:Addgene_18825

Type: Plasmid

Proper Citation

RRID:Addgene_18825

Plasmid Information

URL: <http://www.addgene.org/18825>

Proper Citation: RRID:Addgene_18825

Insert Name: TRPML1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16606612](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5500; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: TRPML1-HA

Record Creation Time: 20220422T222042+0000

Record Last Update: 20260725T074404+0000

Ratings and Alerts

No rating or validation information has been found for TRPML1-HA.

No alerts have been found for TRPML1-HA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Wengryn P, et al. (2023) Functional Characterization of Novel Lunatic Fringe Variants in Spondylocostal Dysostosis Type-III with Scoliosis. Human mutation, 2023, 5989733.

Minckley TF, et al. (2019) Sub-nanomolar sensitive GZnP3 reveals TRPML1-mediated neuronal Zn²⁺ signals. Nature communications, 10(1), 4806.

Li RJ, et al. (2016) Regulation of mTORC1 by lysosomal calcium and calmodulin. eLife, 5.