

# Resource Summary Report

Generated by [dkNET](#) on Aug 1, 2026

## EGFP-talin1 rod

RRID:Addgene\_32855

Type: Plasmid

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### Proper Citation

RRID:Addgene\_32855

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### Plasmid Information

**URL:** <http://www.addgene.org/32855>

**Proper Citation:** RRID:Addgene\_32855

**Insert Name:** Talin 1 Rod aa 434-2541

**Organism:** Mus musculus

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:17114441](#)

**Vector Backbone Description:** Backbone Marker:BD Clontech; Backbone Size:4749; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

**Comments:** Please note that both the full plasmid sequence from the depositing laboratory and Addgene's sequencing results indicate a K673N mutation/SNP when the sequences are compared to GenBank entry NP\_035732.2. The depositing laboratory states that this difference is not a concern for the function of the plasmid. The most appropriate reference sequence for the Talin1 insert in the plasmid is GenBank accession number CAA39588.1.

**Plasmid Name:** EGFP-talin1 rod

**Record Creation Time:** 20220422T222142+0000

**Record Last Update:** 20260725T074554+0000

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### Ratings and Alerts

No rating or validation information has been found for EGFP-talin1 rod.

No alerts have been found for EGFP-talin1 rod.

## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Wang Y, et al. (2019) Talin promotes integrin activation accompanied by generation of tension in talin and an increase in osmotic pressure in neurite outgrowth. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 33(5), 6311.

Elosegui-Artola A, et al. (2016) Mechanical regulation of a molecular clutch defines force transmission and transduction in response to matrix rigidity. Nature cell biology, 18(5), 540.

Beaty BT, et al. (2014) Talin regulates moesin-NHE-1 recruitment to invadopodia and promotes mammary tumor metastasis. The Journal of cell biology, 205(5), 737.