

Resource Summary Report

Generated by [dkNET](#) on Aug 5, 2026

EGFP-talin1 rod

RRID:Addgene_32855

Type: Plasmid

Proper Citation

RRID:Addgene_32855

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: 20260801T081145+0000

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](#)

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.