

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

C1-F-tractin-mCherry

RRID:Addgene_155218

Type: Plasmid

Proper Citation

RRID:Addgene_155218

Plasmid Information

URL: <http://www.addgene.org/155218>

Proper Citation: RRID:Addgene_155218

Insert Name: F-tractin (aa 9-52 of rat ITPKA) fused to mCherry

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:32527825](#)

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

Plasmid Name: C1-F-tractin-mCherry

Record Creation Time: 20220422T221850+0000

Record Last Update: 20260725T074046+0000

Ratings and Alerts

No rating or validation information has been found for C1-F-tractin-mCherry.

No alerts have been found for C1-F-tractin-mCherry.

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](#) .

Liu X, et al. (2025) TMEM55A-mediated PI5P signalling regulates alpha cell actin depolymerisation and glucagon secretion. *Diabetologia*, 68(7), 1509.

Niedzialkowska E, et al. (2024) Stabilization of F-actin by Salmonella effector SipA resembles the structural effects of inorganic phosphate and phalloidin. *Structure* (London, England : 1993).

Kim DS, et al. (2024) Tandem LIM domain-containing proteins, LIMK1 and LMO1, directly bind to force-bearing keratin intermediate filaments. *Cell reports*, 43(7), 114480.

Settle AH, et al. (2024) $\alpha 2$ integrins impose a mechanical checkpoint on macrophage phagocytosis. *Nature communications*, 15(1), 8182.

Falahati H, et al. (2022) Proximity proteomics of synaptopodin provides insight into the molecular composition of the spine apparatus of dendritic spines. *Proceedings of the National Academy of Sciences of the United States of America*, 119(42), e2203750119.

Kudryashova E, et al. (2022) Pointed-end processive elongation of actin filaments by *Vibrio* effectors VopF and VopL. *Science advances*, 8(46), eadc9239.