

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

mEos2-N1

RRID:Addgene_54662

Type: Plasmid

Proper Citation

RRID:Addgene_54662

Plasmid Information

URL: <http://www.addgene.org/54662>

Proper Citation: RRID:Addgene_54662

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:19169260](#)

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mEos2-N1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: mEosA = mEos2 = wtEos + N11K-E70K-H74N-H121Y-V123T-T158H.
Excitation = 505 / 569; Emission = 516 / 581

Plasmid Name: mEos2-N1

Record Creation Time: 20220422T222320+0000

Record Last Update: 20260815T081642+0000

Ratings and Alerts

No rating or validation information has been found for mEos2-N1.

No alerts have been found for mEos2-N1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Longfield SF, et al. (2023) Tau forms synaptic nano-biomolecular condensates controlling the dynamic clustering of recycling synaptic vesicles. Nature communications, 14(1), 7277.

Martínez-Mármol R, et al. (2023) Fyn nanoclustering requires switching to an open conformation and is enhanced by FTLD-Tau biomolecular condensates. Molecular psychiatry, 28(2), 946.

Hernaiz-Llorens M, et al. (2021) Growth cone repulsion to Netrin-1 depends on lipid raft microdomains enriched in UNC5 receptors. Cellular and molecular life sciences : CMLS, 78(6), 2797.

Padmanabhan P, et al. (2019) Frontotemporal dementia mutant Tau promotes aberrant Fyn nanoclustering in hippocampal dendritic spines. eLife, 8.

Chen Y, et al. (2018) Nucleolar residence of the seckel syndrome protein TRAIP is coupled to ribosomal DNA transcription. Nucleic acids research, 46(19), 10119.