

# Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

## mEos2-N1

RRID:Addgene\_54662

Type: Plasmid

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### Proper Citation

RRID:Addgene\_54662

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### 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:** 20260801T081459+0000

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### Ratings and Alerts

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

No alerts have been found for mEos2-N1.

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### Data and Source Information

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

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### Usage and Citation Metrics

We found 5 mentions in open access literature.

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

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.