

Resource Summary Report

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

pAAV-Syn1-FLEX-mCh-T2A-FLAG-hMOR-WPRE

RRID:Addgene_166970

Type: Plasmid

Proper Citation

RRID:Addgene_166970

Plasmid Information

URL: <http://www.addgene.org/166970>

Proper Citation: RRID:Addgene_166970

Insert Name: Homo sapiens opioid receptor mu 1 (OPRM1)

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34074761](#)

Vector Backbone Description: Backbone Marker:Vector Builder; Backbone Size:4500; Vector Backbone:pAAV-Syn1-FLEX-WPRE; Vector Types:Mammalian Expression, AAV, Cre/Lox; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-Syn1-FLEX-mCh-T2A-FLAG-hMOR-WPRE

Record Creation Time: 20220422T221939+0000

Record Last Update: 20260725T074214+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-Syn1-FLEX-mCh-T2A-FLAG-hMOR-WPRE.

No alerts have been found for pAAV-Syn1-FLEX-mCh-T2A-FLAG-hMOR-WPRE.

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 [NIF](#) .

Qian C, et al. (2023) Intercellular communication atlas reveals Oprm1 as a neuroprotective factor for retinal ganglion cells. bioRxiv : the preprint server for biology.

Norris MR, et al. (2023) Endogenous opioids gate the locus coeruleus pain generator. bioRxiv : the preprint server for biology.

He XJ, et al. (2021) Convergent, functionally independent signaling by mu and delta opioid receptors in hippocampal parvalbumin interneurons. eLife, 10.