

pAAV_hsyn_NES-his-CaMPARI2-F391W-WPRE-SV40 vector

Catalogue number: 154512

Sub-type: pAAV

Images:

Contributor

Inventor:

Institute: Howard Hughes Medical Institute

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: pAAV_hsyn_NES-his-CaMPARI2-F391W-WPRE-SV40 vector

Alternate name:

Class:

Conjugate:

Description: AAV vector expressing CaMPARI2_F391W (Kd = 110nM), a photoconvertible fluorescent protein-based calcium integrator, in neurons. Insert Size (bp): 1446 Promoter: hsyn (synapsin-1) Tags / Fusion Proteins: NES_his (N terminal on insert) FLAG-HA-myc (C terminal on insert)

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes: AAV vector expressing CaMPARI2_F391W ($K_d = 110\text{nM}$), a photoconvertible fluorescent protein-based calcium integrator, in neurons. Insert Size (bp): 1446 Promoter: hsyn (synapsin-1) Tags / Fusion Proteins: NES_his (N terminal on insert) FLAG-HA-myc (C terminal on insert)

Target details

Target: CaMPARI2-F391W

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:

Application notes:

Handling

Format:

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions:

Related tools

Related tools:

References

References: Moeyaert et al. 2018. Nat Commun. 9(1):4440. PMID: 30361563. ; Improved methods for marking active neuron populations.

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