

pRSETa_ mEos4b vector

Catalogue number: 154047

Sub-type: pRSETa

Images:

Contributor

Inventor:

Institute: Howard Hughes Medical Institute

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: pRSETa_ mEos4b vector

Alternate name:

Class:

Conjugate:

Description: This plasmid has an engineered variant of the photoconvertible Eos fluorescent protein, targeted to the mitochondria, that functions normally in heavily fixed sample and allows for correlative super-resolution imaging and high-quality electron microscopy.

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: This plasmid has an engineered variant of the photoconvertible Eos fluorescent protein, targeted to the mitochondria, that functions normally in heavily fixed sample and allows for correlative super-resolution imaging and high-quality electron microscopy.

Target details

Target: mEos4b

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: Paez-Segala et al. 2015. Nat Methods. 12(3):215-8, 4 p following 218. PMID: 25581799.

; Fixation-resistant photoactivatable fluorescent proteins for CLEM.

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