

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

HBio: Multichannel Systems: Electro Square Porator ECM 830, BTX

RRID:SCR_016841

Type: Tool

Proper Citation

HBio: Multichannel Systems: Electro Square Porator ECM 830, BTX (RRID:SCR_016841)

Resource Information

URL: <https://www.btxonline.com/products/electroporation-systems/ecm-830-square-wave-electroporation-system.html>

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Description: ECM 830 is a square wave pulse generator designed for in vitro and in vivo applications for gene, drug and protein delivery for mammalian cells, zebra fish tissue and embryos, nuclear transfer, embryo manipulation, plant protoplast and basic bacteria and yeast transformations. Used in ECM 830 SQUARE WAVE ELECTROPORATION SYSTEM.

Abbreviations: ECM 830

Synonyms: Electro Square Porator ECM 830, ECM 830, ECM 830 generator

Resource Type: instrument resource

Keywords: BTX, square, wave, pulse, generator, electroporation, ECM 830, transformation

Availability: Commercially available

Specification URL: <https://drive.google.com/file/d/14QogTk99I1g4bW-H3N9obk7FYhxZbGjr/view?usp=drivesdk>

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Alternate URLs: https://www.btxonline.com/media/wysiwyg/tab_content/ECM_830.pdf

Record Creation Time: 20220129T080332+0000

Record Last Update: 20260808T190036+0000

Ratings and Alerts

No rating or validation information has been found for HBio: Multichannel Systems: Electro Square Porator ECM 830, BTX.

No alerts have been found for HBio: Multichannel Systems: Electro Square Porator ECM 830, BTX.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Long Z, et al. (2025) Intravital observation of neuronal and immune cell dynamics in the developing mammalian brain. Cell.

Stone ML, et al. (2024) Agarose hydrogel-mediated electroporation method for retinal tissue cultured at the air-liquid interface. iScience, 27(12), 111299.

van Heusden F, et al. (2021) Diversity in striatal synaptic circuits arises from distinct embryonic progenitor pools in the ventral telencephalon. Cell reports, 35(4), 109041.

Huang Z, et al. (2019) In Vivo Electroporation and Time-Lapse Imaging of the Rostral Migratory Stream in Developing Rodent Brain. Current protocols in neuroscience, 87(1), e65.