Accepted Manuscript

Characterization of calcium signals in human induced pluripotent stem cell-derived dentate gyrus neuronal progenitors and mature neurons, stably expressing an advanced calcium indicator protein



Gergő Vőfély, Tünde Berecz, Eszter Szabó, Kornélia Szebényi, Edit Hathy, Tamás I. Orbán, Balázs Sarkadi, László Homolya, Maria C. Marchetto, János M. Réthelyi, Ágota Apáti

S1044-7431(17)30301-9
https://doi.org/10.1016/j.mcn.2018.02.003
YMCNE 3279
Molecular and Cellular Neuroscience
8 September 2017
8 January 2018
2 February 2018

Please cite this article as: Gergő Vőfély, Tünde Berecz, Eszter Szabó, Kornélia Szebényi, Edit Hathy, Tamás I. Orbán, Balázs Sarkadi, László Homolya, Maria C. Marchetto, János M. Réthelyi, Ágota Apáti , Characterization of calcium signals in human induced pluripotent stem cell-derived dentate gyrus neuronal progenitors and mature neurons, stably expressing an advanced calcium indicator protein. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Ymcne(2017), https://doi.org/10.1016/j.mcn.2018.02.003

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Characterization of calcium signals in human induced pluripotent stem cell-derived dentate gyrus neuronal progenitors and mature neurons, stably expressing an advanced calcium indicator protein

Gergő Vőfély^a, Tünde Berecz^a, Eszter Szabó^a, Kornélia Szebényi^a, Edit Hathy^b, Tamás I. Orbán^a, Balázs Sarkadi^{a,e}, László Homolya^a, Maria C. Marchetto^c, János M. Réthelyi^{b,d*}, Ágota Apáti^{a*}

^aInstitute of Enzymology, Research Centre for Natural Sciences, Budapest, Hungary; ^bMTA-SE NAP-B, Molecular Psychiatry and in vitro Disease Modelling Research Group, National Brain Research Project, Hungarian Academy of Sciences and Semmelweis University, Budapest, Hungary;

^cLaboratory of Genetics, Salk Institute for Biological Studies, La Jolla, CA, United States; ^dDepartment of Psychiatry and Psychotherapy, Semmelweis University, Budapest, Hungary ^eDepartment of Biophysics and Radiation Biology, Semmelweis University, Budapest, Hungary.

* Corresponding authors:

János M. Réthelyi

Department of Psychiatry and Psychotherapy, Semmelweis University, 1083 Budapest, Balassa utca 6. Budapest, Hungary Tel/Fax: +3612100336 Email: rethelyi.janos@med.semmelweis-univ.hu

Ágota Apáti

Institute of Enzymology, Research Centre for Natural Sciences 1117 Magyar tudósok körútja 2. Budapest, Hungary Tel/Fax: +3613826607 Email: apati.agota@ttk.mta.hu/<u>apati@biomembrane.hu</u> Download English Version:

https://daneshyari.com/en/article/8478384

Download Persian Version:

https://daneshyari.com/article/8478384

Daneshyari.com