Accepted Manuscript

Research Article

Acid Sensing Ion Channel 1a (ASIC1z) mediates activity-induced pain by modulation of heteromeric ASIC channel kinetics

Nicholas S. Gregory, Mamta Gautam, Christopher J. Benson, Kathleen A. Sluka

PII: S0306-4522(18)30451-2

DOI: https://doi.org/10.1016/j.neuroscience.2018.06.033

Reference: NSC 18522

To appear in: Neuroscience

Received Date: 16 April 2018 Accepted Date: 19 June 2018



Please cite this article as: N.S. Gregory, M. Gautam, C.J. Benson, K.A. Sluka, Acid Sensing Ion Channel 1a (ASIC1z) mediates activity-induced pain by modulation of heteromeric ASIC channel kinetics, *Neuroscience* (2018), doi: https://doi.org/10.1016/j.neuroscience.2018.06.033

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

Acid Sensing Ion Channel 1a (ASIC1z) mediates activity-induced pain by modulation of heteromeric ASIC channel kinetics

Nicholas S. Gregory^{a,b,d,1}, Mamta Gautam^{c,d,e}, Christopher J. Benson^{b,c,d,e}, Kathleen A. Sluka^{a,b,d}

^aDepartment of Physical Therapy and Rehabilitation Science

^bDepartment of Neuroscience

^cDepartment of Internal Medicine

^dPain Research Program

The University of Iowa

Iowa City, IA 52242

^eVeterans Medical Center, Iowa City, IA

Address correspondence to:

Kathleen A. Sluka, PT, PhD, FAPTA

Professor

1-248 MEB

Department of Physical Therapy and Rehabilitation Science

University of Iowa

Iowa City, IA 52242

kathleen-sluka@uiowa.edu

319-335-9791 phone

319-335-9707 fax

Abbreviated title: ASIC1 and muscle pain

¹ Nicholas Gregory – Washington University, Department of Anesthesia, St. Louis, Missouri

Download English Version:

https://daneshyari.com/en/article/8840603

Download Persian Version:

https://daneshyari.com/article/8840603

<u>Daneshyari.com</u>