## **Accepted Manuscript**

Possible roles of long-chain sphingomyelines and sphingomyelin synthase 2 in mouse macrophage inflammatory response

Hideaki Sakamoto, Tetsuya Yoshida, Takao Sanaki, Shuhei Shigaki, Hirotoshi Morita, Miki Oyama, Masaru Mitsui, Yoshikazu Tanaka, Toru Nakano, Susumu Mitsutake, Yasuyuki Igarashi, Hiroshi Takemoto

PII: S0006-291X(16)31896-4

DOI: 10.1016/j.bbrc.2016.11.041

Reference: YBBRC 36743

To appear in: Biochemical and Biophysical Research Communications

Received Date: 5 November 2016

Accepted Date: 8 November 2016

Please cite this article as: H. Sakamoto, T. Yoshida, T. Sanaki, S. Shigaki, H. Morita, M. Oyama, M. Mitsui, Y. Tanaka, T. Nakano, S. Mitsutake, Y. Igarashi, H. Takemoto, Possible roles of long-chain sphingomyelines and sphingomyelin synthase 2 in mouse macrophage inflammatory response, *Biochemical and Biophysical Research Communications* (2016), doi: 10.1016/j.bbrc.2016.11.041.

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

# Possible Roles of Long-Chain Sphingomyelines and Sphingomyelin Synthase 2 in Mouse Macrophage Inflammatory Response

Hideaki Sakamoto<sup>1</sup>\*, Tetsuya Yoshida<sup>1</sup>, Takao Sanaki<sup>2</sup>, Shuhei Shigaki<sup>2</sup>, Hirotoshi Morita<sup>2</sup>, Miki Oyama<sup>1</sup>, Masaru Mitsui<sup>1</sup>, Yoshikazu Tanaka<sup>1</sup>, Toru Nakano<sup>1</sup>, Susumu Mitsutake<sup>3,#a</sup>, Yasuyuki Igarashi<sup>3</sup>, Hiroshi Takemoto<sup>1</sup>

### **Affiliations:**

- Shionogi Innovation Center for Drug Discovery, Shionogi & Co., Ltd., Sapporo, Japan
- <sup>2</sup> Research Laboratory for Development, Shionogi & Co., Ltd., Osaka Japan.
- Laboratory of Biomembrane and Biofunctional Chemistry, Graduate School of Advanced Life Science and Frontier Research Center for Post-Genome Science and Technology, Hokkaido University, Sapporo, Japan
- \*\*a Current Address: Department of Applied Biochemistry and Food Science, Faculty of Agriculture, Saga University, Saga, Japan

\*Corresponding author

E-mail: hideaki.sakamoto@shionogi.co.jp

### Download English Version:

# https://daneshyari.com/en/article/5505801

Download Persian Version:

https://daneshyari.com/article/5505801

<u>Daneshyari.com</u>