

# Accepted Manuscript

Palmitate increases musclin gene expression through activation of PERK signaling pathway in C2C12 myotubes

Ning Gu, Qian Guo, Ke Mao, Hailong Hu, Sanli Jin, Ying Zhou, Hongjuan He, Yuri Oh, Chuanpeng Liu, Qiong Wu



PII: S0006-291X(15)30705-1

DOI: [10.1016/j.bbrc.2015.10.005](https://doi.org/10.1016/j.bbrc.2015.10.005)

Reference: YBBRC 34689

To appear in: *Biochemical and Biophysical Research Communications*

Received Date: 29 September 2015

Accepted Date: 1 October 2015

Please cite this article as: N. Gu, Q. Guo K. Mao H. Hu S. Jin Y. Zhou H. He Y. Oh C. Liu Q. Wu Palmitate increases musclin gene expression through activation of PERK signaling pathway in C2C12 myotubes, *Biochemical and Biophysical Research Communications* (2015), doi: 10.1016/j.bbrc.2015.10.005.

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.

## **Palmitate increases musclin gene expression through activation of PERK signaling pathway in C2C12 myotubes**

Ning Gu <sup>a\*</sup>, Qian Guo <sup>a</sup>, Ke Mao <sup>a</sup>, Hailong Hu <sup>a</sup>, Sanli Jin <sup>a</sup>, Ying Zhou <sup>a</sup>, Hongjuan He <sup>a</sup>, Yuri Oh <sup>b</sup>,  
Chuanpeng Liu <sup>a</sup>, Qiong Wu <sup>a</sup>

<sup>a</sup> School of Life Science and Technology, Harbin Institute of Technology, Harbin, China

<sup>b</sup> Faculty of Education, Wakayama University, Wakayama, Japan

\* **Corresponding author:** School of Life Science and Technology, Harbin Institute of Technology,

Harbin, China, Ning Gu, No. 92 West Da-zhi Street, Harbin, 150001, Heilongjiang, China.

Tel: 86-0451-86403181

E-mail: guning@hit.edu.cn (Ning Gu)

Download English Version:

<https://daneshyari.com/en/article/10749292>

Download Persian Version:

<https://daneshyari.com/article/10749292>

[Daneshyari.com](https://daneshyari.com)