Accepted Manuscript

Biochemical studies of membrane bound Plasmodium falciparum mitochondrial L-malate:Quinone oxidoreductase, a potential drug target

Endah Dwi Hartuti, Daniel Ken Inaoka, Keisuke Komatsuya, Yukiko Miyazaki, Russell J. Miller, Wang Xinying, Mohamad Sadikin, Erwahyuni Endang Prabandari, Danang Waluyo, Marie Kuroda, Eri Amalia, Yuichi Matsuo, Nuki B. Nugroho, Hiroyuki Saimoto, Amila Pramisandi, Yoh-Ichi Watanabe, Mihoko Mori, Kazuro Shiomi, Emmanuel Oluwadare Balogun, Tomoo Shiba, Shigeharu Harada, Tomoyoshi Nozaki, Kiyoshi Kita



PII: S0005-2728(17)30195-0

DOI: https://doi.org/10.1016/j.bbabio.2017.12.004

Reference: BBABIO 47858

To appear in:

Received date: 23 August 2017 Revised date: 13 December 2017 Accepted date: 16 December 2017

Please cite this article as: Endah Dwi Hartuti, Daniel Ken Inaoka, Keisuke Komatsuya, Yukiko Miyazaki, Russell J. Miller, Wang Xinying, Mohamad Sadikin, Erwahyuni Endang Prabandari, Danang Waluyo, Marie Kuroda, Eri Amalia, Yuichi Matsuo, Nuki B. Nugroho, Hiroyuki Saimoto, Amila Pramisandi, Yoh-Ichi Watanabe, Mihoko Mori, Kazuro Shiomi, Emmanuel Oluwadare Balogun, Tomoo Shiba, Shigeharu Harada, Tomoyoshi Nozaki, Kiyoshi Kita, Biochemical studies of membrane bound Plasmodium falciparum mitochondrial L-malate:Quinone oxidoreductase, a potential drug target. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Bbabio(2017), https://doi.org/10.1016/j.bbabio.2017.12.004

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

Biochemical studies of membrane bound *Plasmodium falciparum* mitochondrial *L*-malate:quinone oxidoreductase, a potential drug target

Endah Dwi Hartuti^{1,2,¶}, Daniel Ken Inaoka^{3,4,¶,*}, Keisuke Komatsuya^{3,¶}, Yukiko Miyazaki^{3,¶}, Russell J. Miller³, Wang Xinying^{3,4}, Mohamad Sadikin⁵, Erwahyuni Endang Prabandari², Danang Waluyo², Marie Kuroda³, Eri Amalia³, Yuichi Matsuo⁴, Nuki B. Nugroho², Hiroyuki Saimoto⁶, Amila Pramisandi^{2,7}, Yoh-Ichi Watanabe³, Mihoko Mori⁷, Kazuro Shiomi⁷, Emmanuel Oluwadare Balogun^{3,8}, Tomoo Shiba⁹, Shigeharu Harada⁹, Tomoyoshi Nozaki³, Kiyoshi Kita^{3,4}

¹Master program of Biomedical Science, Faculty of Medicine, University of Indonesia, Indonesia;

²Biotech Center, Agency for the Assessment and Application of Technology, Jakarta, Indonesia; ³Department of Biomedical Chemistry, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan;

⁴School of Tropical Medicine and Global Health, Nagasaki University, Nagasaki, Japan;

⁵Department of Biochemistry & Molecular Biology, Faculty of Medicine, University of Indonesia, Jakarta, Indonesia;

⁶Department of Chemistry and Biotechnology, Graduate School of Engineering, Tottori University, Tottori, Japan;

⁷Graduate School of Infection Control Sciences, Kitasato University, Tokyo, Japan;

⁸Department of Biochemistry, Ahmadu Bello University, Zaria, Nigeria;

⁹Department of Applied Biology, Graduate School of Science Technology, Kyoto Institute of Technology, Kyoto, Japan.

*Corresponding Author: Daniel Ken Inaoka,

School of Tropical Medicine and Global Health, Nagasaki University, 1-12-4 Sakamoto, Nagasaki, 852-8523, Japan; Phone: +81-95-819-7230; Fax: +81-95-819-7892

E-mail: danielken@nagasaki-u.ac.jp

[¶]These authors contributed equally to this work.

Download English Version:

https://daneshyari.com/en/article/8298641

Download Persian Version:

https://daneshyari.com/article/8298641

<u>Daneshyari.com</u>