Accepted Manuscript

Directed evolution and biophysical characterization of a full-length, soluble, human Caveolin-1 variant

Joshua N. Smith, Joshua M. Edgar, J. Mark Balk, Mariam Iftikhar, Jessica C. Fong, Tivoli J. Olsen, Dmitry A. Fishman, Sudipta Majumdar, Gregory A. Weiss

PII: S1570-9639(18)30081-5

DOI: doi:10.1016/j.bbapap.2018.05.014

Reference: BBAPAP 40104

To appear in: BBA - Proteins and Proteomics

Received date: 1 September 2017 Revised date: 16 May 2018 Accepted date: 24 May 2018

Please cite this article as: Joshua N. Smith, Joshua M. Edgar, J. Mark Balk, Mariam Iftikhar, Jessica C. Fong, Tivoli J. Olsen, Dmitry A. Fishman, Sudipta Majumdar, Gregory A. Weiss, Directed evolution and biophysical characterization of a full-length, soluble, human Caveolin-1 variant. Bbapap (2018), doi:10.1016/j.bbapap.2018.05.014

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

Evolution and characterization of a membrane protein

Directed Evolution and Biophysical Characterization of a Full-length, Soluble, Human Caveolin-1 Variant*

Joshua N. Smith¹, Joshua M. Edgar², J. Mark Balk², Mariam Iftikhar², Jessica C. Fong³, Tivoli J. Olsen², Dmitry A. Fishman², Sudipta Majumdar², and Gregory A. Weiss*^{1,2}

Department of Molecular Biology and Biochemistry¹, Department of Chemistry², and Department of Pharmaceutical Sciences³, University of California, Irvine, Irvine, CA 92697 USA

*Running title: Evolution and characterization of a membrane protein

*To whom correspondence should be addressed: Gregory A. Weiss, Departments of Chemistry and Molecular Biology and Biochemistry, University of California, Irvine, CA 92697-2025 USA; gweiss@uci.edu, phone: 001-949-824-5566

Download English Version:

https://daneshyari.com/en/article/7560019

Download Persian Version:

https://daneshyari.com/article/7560019

<u>Daneshyari.com</u>