Accepted Manuscript

Full-Length Trimeric Influenza Virus Hemagglutinin II Membrane Fusion Protein and Shorter Constructs Lacking the Fusion Peptide or Transmembrane Domain: Hyperthermostability of the Full-Length Protein and the Soluble Ectodomain and Fusion Peptide Make Significant Contributions to Fusion of Membrane Vesicles

Punsisi U. Ratnayake, E.A. Prabodha Ekanayaka, Sweta S. Komanduru, David P. Weliky

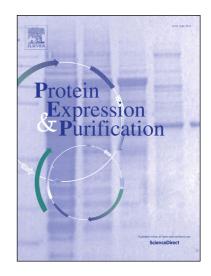
PII: S1046-5928(15)30041-3

DOI: http://dx.doi.org/10.1016/j.pep.2015.08.021

Reference: YPREP 4766

To appear in: Protein Expression and Purification

Received Date: 12 July 2015 Revised Date: 17 August 2015 Accepted Date: 18 August 2015



Please cite this article as: P.U. Ratnayake, E.A. Prabodha Ekanayaka, S.S. Komanduru, D.P. Weliky, Full-Length Trimeric Influenza Virus Hemagglutinin II Membrane Fusion Protein and Shorter Constructs Lacking the Fusion Peptide or Transmembrane Domain: Hyperthermostability of the Full-Length Protein and the Soluble Ectodomain and Fusion Peptide Make Significant Contributions to Fusion of Membrane Vesicles, *Protein Expression and Purification* (2015), doi: http://dx.doi.org/10.1016/j.pep.2015.08.021

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

Full-Length Trimeric Influenza Virus Hemagglutinin II Membrane Fusion Protein and Shorter

Constructs Lacking the Fusion Peptide or Transmembrane Domain: Hyperthermostability of the

Full-Length Protein and the Soluble Ectodomain and Fusion Peptide Make Significant

Contributions to Fusion of Membrane Vesicles[†]

Punsisi U. Ratnayake, E. A. Prabodha Ekanayaka, Sweta S. Komanduru, and David P. Weliky *

Department of Chemistry, Michigan State University, East Lansing, MI 48824

[†]The research was supported by the National Institutes of Health grant R01 AI047153.

*Address correspondence to this author. Phone: 517-355-9715. Fax: 517-353-1793. Email: weliky@chemistry.msu.edu

Running Title: Full-Length Hemagglutinin II

Keywords: influenza virus, membrane fusion, hemagglutinin, fusion peptide, transmembrane domain

Download English Version:

https://daneshyari.com/en/article/8359904

Download Persian Version:

https://daneshyari.com/article/8359904

<u>Daneshyari.com</u>