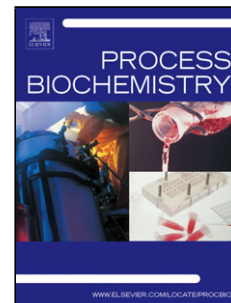


Accepted Manuscript

Title: Single-step purification of recombinant hepatitis B core antigen Y132A dimer from clarified *Escherichia coli* feedstock using a packed bed anion exchange chromatography

Authors: Swee Lu Lim, Hon Wei Ng, Made Angga Akwiditya, Chien-Wei Ooi, Eng-Seng Chan, Kok Lian Ho, Wen Siang Tan, Gek Kee Chua, Beng Ti Tey



PII: S1359-5113(17)31177-7
DOI: <https://doi.org/10.1016/j.procbio.2018.03.003>
Reference: PRBI 11288

To appear in: *Process Biochemistry*

Received date: 25-7-2017

Revised date: 26-1-2018

Accepted date: 7-3-2018

Please cite this article as: Lim Swee Lu, Ng Hon Wei, Akwiditya Made Angga, Ooi Chien-Wei, Chan Eng-Seng, Ho Kok Lian, Tan Wen Siang, Chua Gek Kee, Tey Beng Ti. Single-step purification of recombinant hepatitis B core antigen Y132A dimer from clarified *Escherichia coli* feedstock using a packed bed anion exchange chromatography. *Process Biochemistry* <https://doi.org/10.1016/j.procbio.2018.03.003>

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.

Single-step purification of recombinant hepatitis B core antigen Y132A dimer from clarified *Escherichia coli* feedstock using a packed bed anion exchange chromatography

Swee Lu Lim^a, Hon Wei Ng^a, Made Angga Akwiditya^d, Chien-Wei Ooi^{a,b}, Eng-Seng Chan^{a,b}, Kok Lian Ho^c, Wen Siang Tan^d, Gek Kee Chua^e, Beng Ti Tey^{a,b*}

^aChemical Engineering Discipline, School of Engineering; ^bAdvanced Engineering Platform; Monash University Malaysia, Jalan Lagoon Selatan, Bandar Sunway 46150, Selangor, Malaysia.

^cDepartment of Pathology, Faculty of Medicine and Health Sciences; ^dDepartment of Microbiology, Faculty of Biotechnology and Biomolecular Sciences; Universiti Putra Malaysia, 43400 UPM Serdang, Selangor.

^eFaculty of Chemical Engineering and Natural Resources, Universiti Malaysia Pahang, Lebuhraya Tun Razak, 26300 Gambang, Pahang.

*Corresponding author

Beng Ti Tey

Tel: +603 5514 6240;

Fax: +603 5514 6207;

Email: tey.beng.ti@monash.edu.

Download English Version:

<https://daneshyari.com/en/article/6495176>

Download Persian Version:

<https://daneshyari.com/article/6495176>

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