

Accepted Manuscript

Expression and purification of a new recombinant camel hepcidin able to promote the degradation of the iron exporter ferroportin1

Mohamed Boumaiza, Maryse Jaouen, Jean-Christophe Deschemin, Aymen Ezzine, Noureddine Ben Khalaf, Sophie Vaulont, Mohamed Nèjib Marzouki, Marie Agnès Sari

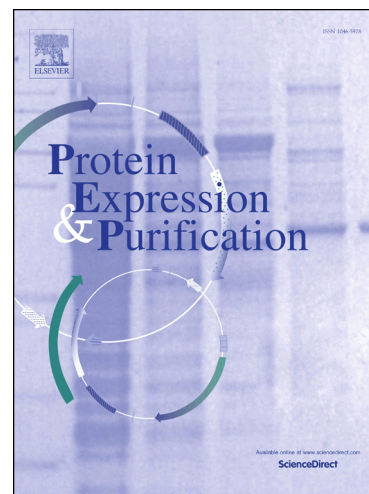
PII: S1046-5928(15)00155-2
DOI: <http://dx.doi.org/10.1016/j.pep.2015.04.016>
Reference: YPREP 4737

To appear in: *Protein Expression and Purification*

Received Date: 30 December 2014
Revised Date: 15 April 2015
Accepted Date: 16 April 2015

Please cite this article as: M. Boumaiza, M. Jaouen, J-C. Deschemin, A. Ezzine, N.B. Khalaf, S. Vaulont, M.N. Marzouki, M.A. Sari, Expression and purification of a new recombinant camel hepcidin able to promote the degradation of the iron exporter ferroportin1, *Protein Expression and Purification* (2015), doi: <http://dx.doi.org/10.1016/j.pep.2015.04.016>

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.



Expression and purification of a new recombinant camel hepcidin able to promote the degradation of the iron exporter ferroportin1

Mohamed Boumaiza^a, Maryse Jaouen^b, Jean-Christophe Deschemin^c, Aymen Ezzine^a, Nouredine Ben Khalaf^d, Sophie Vaultont^c, Mohamed Nèjib Marzouki^{a,*} and Marie Agnès Sari^{b,*}

^aLaboratoire d'ingénierie des protéines et des molécules bioactives, Institut Nationale des Sciences Appliquées et de Technologie (I.N.S.A.T.) BP 676, Tunis Cedex1080, Tunisie

^bLaboratoire de Chimie et Biochimie Pharmacologiques et Toxicologiques, CNRS UMR 8601 Université Paris Descartes, Sorbonne Paris Cité, 45 rue des Saints Pères, 75006 Paris, France

^cInstitut Cochin, Inserm U1016, CNRS (UMR 8104), Université Paris Descartes, Sorbonne Paris Cité Paris, France.

^d Laboratoire d'Immunopathologie, vaccinologie et génétique moléculaire (LIVGM), Institut Pasteur de Tunis, 13 Place Pasteur, 1002 Tunis-Belvédère, Tunisie

Corresponding author

Marie-Agnes Sari, Laboratoire de Chimie et Biochimie Pharmacologiques et Toxicologiques, CNRS UMR 8601, Université Paris Descartes, 45 rue des Saints Pères, 75006 Paris, France.
E-mail: marie-agnes.sari@parisdescartes.fr

Keywords: hepcidin; Disulfide bridge; Ferroportin; *Leishmania major*; peptide

Abbreviations:

NDSB: Non detergent sulfobetaines

PMSF: Phenylsulfonyl fluoride

AMP: antimicrobial peptide

Abstract

Download English Version:

<https://daneshyari.com/en/article/8359935>

Download Persian Version:

<https://daneshyari.com/article/8359935>

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