Author's Accepted Manuscript

The endocytic recycling regulatory protein EHD1 Is required for ocular lens development

Priyanka Arya, Mark A. Rainey, Sohinee Bhattacharyya, Bhopal Mohapatra, Manju George, Murali R Kuracha, Matthew D. Storck, Vimla Band, Venkatesh Govindarajan, Hamid Band



PII: S0012-1606(15)30227-X

http://dx.doi.org/10.1016/j.ydbio.2015.10.005 DOI:

YDBIO6885 Reference:

To appear in: Developmental Biology

Received date: 17 March 2015 Revised date: 1 September 2015 Accepted date: 6 October 2015

Cite this article as: Priyanka Arya, Mark A. Rainey, Sohinee Bhattacharyya Bhopal Mohapatra, Manju George, Murali R Kuracha, Matthew D. Storck Vimla Band, Venkatesh Govindarajan and Hamid Band, The endocytic recycling regulatory protein EHD1 Is required for ocular lens development, Development Biology, http://dx.doi.org/10.1016/j.ydbio.2015.10.005

This is a PDF file of an unedited manuscript that has been accepted fo publication. As a service to our customers we are providing this early version o the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable 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

The Endocytic Recycling Regulatory Protein EHD1 Is Required for Ocular Lens Development

Priyanka Arya^{1,2}, Mark A. Rainey², Sohinee Bhattacharyya^{2,3}, Bhopal Mohapatra^{2,4}, Manju George², Murali R Kuracha⁵, Matthew D. Storck², Vimla Band^{1,2,6}, Venkatesh Govindarajan^{5*} and Hamid Band^{1,2,3,4,6*}

¹Department of Genetics, Cell Biology & Anatomy, College of Medicine, University of Nebraska Medical Center, 985805 Nebraska Medical Center Omaha, NE, 68198-5805, USA

²Eppley Institute for Research in Cancer and Allied Diseases, University of Nebraska Medical Center, 985950 Nebraska Medical Center, NE, 68198-5950, USA

³Department of Pathology & Microbiology, College of Medicine, University of Nebraska Medical Center, 985900 Nebraska Medical Center Omaha, NE, 68198-5900, USA

⁴Department of Biochemistry & Molecular Biology, College of Medicine, University of Nebraska Medical Center, 985870 Nebraska Medical Center Omaha, NE, 68198-5870, USA,

⁵Department of Biomedical Sciences, Creighton University, 2500 California Plaza, Omaha, NE, 68178, USA

⁶Fred & Pamela Buffett Cancer Center, University of Nebraska Medical Center, 985950 Nebraska Medical Center Omaha, NE, 68198-5950, USA

*Corresponding authors:

- 1. Hamid Band, MD, PhD, University of Nebraska Medical Center, Omaha, Nebraska, 68198-5950, USA; Tel: 402-559-8572 (Office), Fax: 402-559-4651, E-mail: hband@unmc.edu
- 2. Venkatesh Govindarajan, PhD. Department of Biomedical Sciences, Creighton University, 2500 California Plaza, Omaha, NE, 68178, USA; Tel: 402-280-1819 (Office), Fax: 402-280-2690, E-mail: g.v@creighton.edu

Priyanka Arya: priyanka.arya@unmc.edu; Mark Rainey: markrainey@gmail.com; Sohinee Bhattacharyya: sbhatta@unmc.edu; Bhopal Mohapatra: bmohapat@unmc.edu; Manju George: mgeorge@unmc.edu; Murali R Kuracha: muralikuracha@creighton.edu; Matthew Storck:

Download English Version:

https://daneshyari.com/en/article/10931285

Download Persian Version:

https://daneshyari.com/article/10931285

<u>Daneshyari.com</u>