Accepted Manuscript

Tyrosine kinase receptor c-ros-oncogene 1 mediates TWIST-1 regulation of human mesenchymal stem cell lineage commitment

Esther Camp, Peter J. Anderson, Andrew C.W. Zannettino, Stan Gron-thos

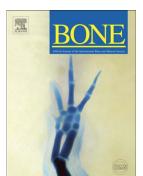
 PII:
 S8756-3282(16)30273-3

 DOI:
 doi:10.1016/j.bone.2016.09.019

 Reference:
 BON 11137

To appear in: Bone

Received date:15 April 2016Revised date:24 August 2016Accepted date:22 September 2016



Please cite this article as: Camp Esther, Anderson Peter J., Zannettino Andrew C.W., Gronthos Stan, Tyrosine kinase receptor c-ros-oncogene 1 mediates TWIST-1 regulation of human mesenchymal stem cell lineage commitment, *Bone* (2016), doi:10.1016/j.bone.2016.09.019

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

Tyrosine kinase receptor c-ros-oncogene 1 mediates TWIST-1 regulation of human mesenchymal stem cell lineage commitment

Esther Camp^{1, 2}, Peter J. Anderson³, Andrew C.W. Zannettino^{4, 2} and Stan Gronthos^{1,2,*} 1. Mesenchymal Stem Cell Laboratory, Adelaide Medical School, Faculty of Health and Medical Sciences, University of Adelaide, Adelaide, South Australia, Australia.

2. Cancer Theme, South Australian Health and Medical Research Institute, Adelaide, South Australia, Australia.

3. Australian Craniofacial Unit, Women's and Children's Hospital, North Adelaide, South Australia, Australia.

4. Myeloma Research Laboratory, Adelaide Medical School, Faculty of Health and Medical Sciences, University of Adelaide, Adelaide, South Australia, Australia.

*Corresponding Author: Professor Stan Gronthos

Mesenchymal Stem Cell Laboratory, Adelaide Medical School, Faculty of Health and Medical Sciences, Adelaide 5005, South Australia, Australia. Phone: +6181284395; Fax: +61-83135384; Email: stan.gronthos@adelaide.edu.au

KEYWORDS:

Mesenchymal Stem Cells; Bone marrow stromal cells; TWIST-1; C-ROS-1;

PI3K/AKT/mTOR signalling

Download English Version:

https://daneshyari.com/en/article/5585374

Download Persian Version:

https://daneshyari.com/article/5585374

Daneshyari.com