easy iPSC

Cat. No. GTX400001

Application	ICC/IF, Cell Culture, RT-PCR
Reactivity	Human, Mouse

Package
100 µl

PRODUCT

Summary	Minicircle DNA for iPSC Production. Easy iPSC is a simple non-viral solution for reprogramming terminally differentiated cells into pluripotent stem cells. One simple transfection delivers all four transcription factors required. This specially designed minicircle DNA plasmid is devoid of any bacterial replication sequences that would induce endogenous silencing mechanisms, significantly enhancing the transfection efficiency. The vector includes a GFP reporter to easily identify and facilitate sorting of pluripotent cells.

APPLICATION

Application Note

This protocol has been optimized for use in human adipose stem cells (hASC). Use in other cell types, such as fibroblasts, will require optimization by the researcher.

PROPERTIES

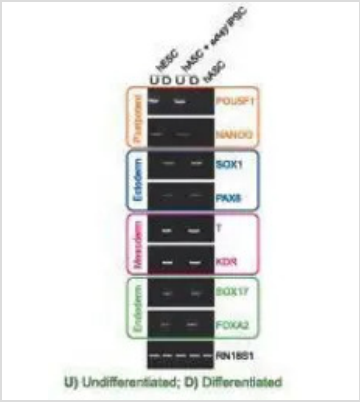
Form	Liquid
Buffer	0.1X TE Buffer
Preservative	No Preservative
Storage	Store at -20ºC. Maintain under sterile conditions.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

For full product information, images and publications, please visit our website.

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com
GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

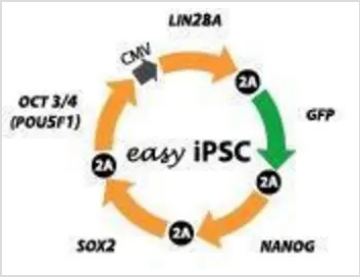
© 2018 GeneTex Inc. All rights reserved.

DATA IMAGES

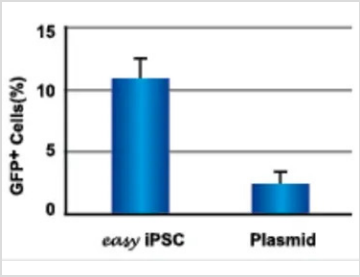


GTX400001 RT-PCR Image

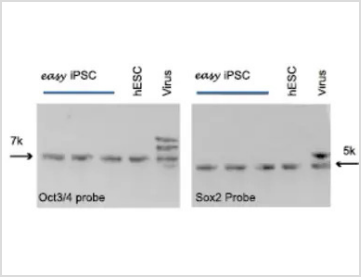
RT-PCR analysis of markers for pluripotency and each germ layer confirms that easy iPSC-transfected hASC can be induced to differentiate into cells of each germ layer. Image from Jia et al. 2010. Nature Methods, 7(3).



GTX400001 Image



GTX400001 Image



GTX400001 Image

For full product information, images and publications, please visit our website.

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com
GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

© 2018 GeneTex Inc. All rights reserved.