

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

NANOG, 1-154aa, Human, His tag, E.coli

产品货号: TP03087

第三版

别名: Homeobox protein NANOG, Homeobox transcription factor Nanog, homeobox transcription factor Nanog-delta 48

描述: NANOG, also known as nanog homeobox, is a member of the homeobox family of DNA binding transcription factors that has been shown to maintain pluripotency of embryonic stem cells. Nanog expression counteracts the differentiation-promoting signals induced by the extrinsic factors LIF, Stat3 and BMP. Once NANOG expression is down-regulated, cell differentiation can proceed.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

分子量: 19.6 kDa (174aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

序列:

MGSSHHHHHHSSGLVPRGSHMSVDPACPQSLPCFEASDCKESSMPVICGPEENYPQLQMSSAEMPHHTETVSPLPSSMDLL
IQDSPDSSTSPKQKQPTSAEKSVAKKEDKVPVKKQKTRTVFSSTQLCVLNDRFQRQKYLQMQELSNILNLSYKQVKTW
FQNQRMKSKRWQ

纯度: > 95% by HPLC

浓度: 0.25 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.