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OCT4, 1-265aa Human, His tag, E.coli

产品货号: TP03244

第三版

别名:POU domain, class 5, transcription factor 1 isoform 2, POU5F1, MGC22487, OCT3, OCT4, OTF3, OTF4

描述:POU domain, class 5, transcription factor 1, also known as OCT4, binds to the octamer motif (5'-ATTTGCAT-3'). This protein forms a trimeric complex with SOX2 on DNA and controls the expression of a number of genes involved in embryonic development such as YES1, FGF4, UTF1 and ZFP206. It is critical for early embryogenesis and for embryonic stem cell pluripotency. Recombinant human OCT4 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

分子量:32.2 kDa (285aa)

序列:

纯度:> 95% by HPLC

浓度:0.5 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.