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SOX2, 1-200aa, Human, His tag, E.coli

产品货号: TP04008

第三版

别名: ANOP3, MCOPS3, MGC2413, SRY (sex determining region Y)-box 2 ANOP3, cb236, Delta EF2a, lcc, MGC148683, RGD1565646, Sex determining region Y box 2, SOX 2, SRY (sex determining region Y) box 2, SRY box containing gene 2

描述: SRY (sex determining region Y)-box 2, also known as SOX2, is a transcription factor that is essential to maintain self-renewal of undifferentiated embryonic stem cells. This Protein is a member of the SRY-related HMG-box (SOX) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The product of this gene is required for stem-cell maintenance in the central nervous system, and also regulates gene expression in the stomach. Recombinant human SOX2 protein was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 200mM NaCl, 2mM DTT, 40% glycerol

分子量: 23.1kDa (208aa), confirmed by MALDI-TOF.

序列:

MYNMMETELKPPGPQQTSGGGGGNSTAAAAGGNQKNPDRVKRPMNAFMVWSRGQRRKMAQENPKMHNSEISKRL
GAEWKLLSETEKRPFIDEAKRLRALHMKEHPDYKYRPRRKTTLMKDKYTLPGGLLAPGGNSMASGVGVGAGLGAGV
NQRMDSYAHMNGWSNGSYSMMQDQLGYPQHPGLNAHGAAQMOPMHRYLEHHHHHHH

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.