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Recombinant Human Endothelial Differentiation-Related Factor 1/EDF1/MBF1 Protein(C-6His)

产品货号: TP05972

第三版

别名:Endothelial Differentiation-Related Factor 1; EDF-1; Multiprotein-Bridging Factor 1; MBF1; EDF1

描述:Endothelial Differentiation-Related Factor 1 (EDF1) is a 148 amino acid transcriptional coactivator that contains 1 HTH cro/C1-type DNA-binding domain. It has been postulated that the protein functions as a bridging molecule that interconnects regulatory proteins and the basal transcriptional machinery, thereby modulating the transcription of genes involved in endothelial differentiation. When endothelial cells are induced to differentiate in vitro, EDF1 is downregulated, leading to inhibition of cell growth and cell polarization. EDF1 binds calmodulin through its IQ domain and regulates nitric oxide synthase activity through calmodulin sequestration in the cytoplasm. Though ubiquitously expressed, EDF1 is most abundant in adult liver, heart, adipose tissues, intestine and pancreas. In fetal tissues, EDF1 is most abundant in kidney. There are two isoforms of EDF1 that are produced as a result of alternative splicing events.

配方:PBS

分子量:17.4 kDa

序列:Ala2-Lys148

纯度:> 95% by HPLC

浓度:

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.