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HIF1a, 1-85aa, Human, His tag, E.coli

产品货号: TP02450

第三版

别名:Hypoxia-inducible factor 1-alpha, BHLHE78, MOP1, PASD8.

描述:Hypoxia-inducible factor-1 (HIF-1), identified as one of the transcription factors, has been found to play an essential role in oxygen homeostasis. HIF-1 is a heterodimer composed of HIF-1 beta subunit and one of three subunits (Hif-1 alpha, Hif-2 alpha or Hif-3 alpha). The activation of Hif-1 alpha is closely associated with a variety of tumors and oncogenic pathways. Hif-1 alpha consists of DNA binding domain(DBD domain), dimerization domain and C-terminal regulatory domains, including two transactivation domains(TAD), an oxygen-dependent degradation(ODD) domain, and inhibitory domains.

配方:Liquid. In 20mM Tris buffer(pH 8.0) containing 20% glycerol, 1mM DTT, 0.2M NaCl, 1mM EDTA.

分子量:11.8 kDa (105aa), confirmed by MALDI-TOF, (molecular size on SDS-PAGE will appear higher)

序列:

MGSSHHHHHSSGLVPRGSHMEGAGGANDKKKISSERRKEKSRDAARSRRSKESEVFYELAHQLPLPHNVSSHLDKASV
MRLTISYLRVRKLLDAGDLIEDDMK

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.