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HIF1A, 576-785aa, Human, His tag, E.coli

产品货号: TP02451

第三版

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

描述:HIF1A, identified as one of the transcription factors, has been found to play an essential role in oxygen homeostasis. This protein is a heterodimer composed of HIF-1beta subunit and one of three subunits(HIF- 1A, HIF-2A or HIF-3A). The activation of HIF1A is closely associated with a variety of tumors and oncogenic pathways. HIF1A consists of DNA binding domain(DBD domain), Dimerization domain and C-terminla regulatory domains, including two transactivation domains(TAD), an oxygen-dependent degradation(ODD) domain, and inhibitory domains.

配方:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl,1mM DTT, 10% glycerol

分子量:25.1 kDa (231aa) confirmed by MALDI-TOF, (Real molecular weight on SDS-PAGE will be shift up)

序列:

MGSSHHHHHSSGLVPRGSHMSFDQLSPLESSASPESASPQSTVTVFQQTQIQEPTANATTTTATTDELKTVTKDRMEDI
KILIASPPTHIHKETTSATSSPYRDTQSRTASPNRAGKGVIEQTEKSHPRSPNVLSVALSQRTTVPEEELNPKILALQNAQRK
RKMEHDGSLFQAVGIGTLLQPDDHAATTSLWKRVKGCKSSEQNGMEQKTIILIPSDLACRLLGQ

纯度:> 95% by HPLC

浓度:1 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.