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Hif-1a (530-826 aa) Human, Recombinant, E.coli

产品货号: TP02449

第三版

别名: Hypoxia-inducible factor-1 , MOP1, ARNT-interacting protein, Member of PAS protein 1, Basic-helix-loop-helix-PAS protein MOP1

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 subunit and one of three subunits(Hif-1 , Hif-2(or Hif-3)). The activation of Hif-1 is closely associated with a variety of tumors and oncogenic pathways. Hif-1(consists of DNA binding domain(DBD domain), Dimerization domain and C-termina 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 (pH 7.5) containing 1 mM DTT

分子量: 32.8kDa (298aa), confirmed by MALDI-TOF, (molecular weight on SDS-PAGE will appear higher)

序列:

MEFKLELVEKLFAEDTEAKNPFSTQDLDLEMLAPYIPMDDDFQLRSFDQLSPLESSASPESASPQSTVTVFQQQTQIQEPT
ANATTTTATTDELKTVTKDRMEDIKILIASPSTHIHKETTSATSSPYRDTQSRTASPNRAGKGVIEQTEKSHPRSPNVLSVA
LSQRRTTVPEEELNPKILALQNAQRKRKMEHDGSLFQAVGIGTLLQQPDDHAATTSLSWKRVKGCSSSEQNGMEQKTIILIP
SDLACRLLGQSMDESGLPQLTSYDCEVNAPIQGSRNLLQGEELLRALDQVN

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.