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GCHFR, 1-84aa, Human, His tag, E.coli

产品货号: TP02211

第三版

别名:GTP cyclohydrolase I feedback regulatory protein, GFRP, HsT16933, P35

描述:GTP cyclohydrolase I feedback regulatory protein(GCHFR) binds to and mediates tetrahydrobiopterin inhibition of GTP cyclohydrolase I. The regulatory protein, GCHFR, consists of a homodimer. It is postulated that GCHFR may play a role in regulating phenylalanine metabolism in the liver and in the production of biogenic amine neurotransmitters and nitric oxide. Recombinant human GCHFR protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 40% glycerol, 1mM DTT

分子量:12.1 kDa (107aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMPLYLLISTQIRMEVGPTMVGDEQSDPELMQHLGASKRRALGNNFYEYYVDDPPRI
VLDKLERRGFRVLSMTGVGQTLVWCLHKE

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.