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GFER, 1-205aa, Human, His tag, E.coli

产品货号: TP02229

第三版

别名:FAD-linked sulfhydryl oxidase ALR, ALR, ERV1, HERV1, HPO, HPO1, HPO2, HSS

描述:FAD-linked sulfhydryl oxidase ALR, also known as GFER, belongs to the Erv1/ALR family of proteins. This family can be found in higher and lower eukaryotes. GFER is a hepatotrophic growth factor and flavin-linked sulfhydryl oxidase expressed in various tissues. Also, GFER induces the expression of S-adenosylmethionine decarboxyl-ase and ornithine decarboxylases (ODC), which each play an important role in the synthesis of polyamines. Recombinant human GFER 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 0.2M NaCl, 50% glycerol,2mM DTT

分子量:26 kDa (229aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSHMAAPGERGRFHGGNLFFLPGGARSEMDDLATDARGRGAGRRDAAASASTPA
QAPTS DSPVAEDASRRRRCRACVDFKTWMRTQQKRDTKFREDCPPDREELGRHSWAVLHTLAAYYPDLPTPEQQDMA
QFIHLFSKFYPCEECAEDLRKRLCRNHPDTRTRACFTQWLCHLHNEVNRKLGKPDFDCSKVDERWRD GWKDGSCD

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.