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UROS, 1-265aa, Human, His tag, E.coli

产品货号: TP04441

第三版

别名: Uroporphyrinogen-III synthase, Uroporphyrinogen III synthase

描述: UROS, also known as Uroporphyrinogen III synthase, is an enzyme involved in the fourth step of porphyrin metabolism, involved in the conversion of hydroxymethyl bilane into uroporphyrinogen III. Defects in this protein can cause molecular lesions that lead to the autosomal recessive Gunther disease, also known as congenital erythropoietic porphyria (CEP). Recombinant human UROS protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 0.1M NaCl

分子量: 30.7 kDa (285aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMKVLLLKDAKEDDCGQDPYIRELGLYGLEATLIPVLSFEFLSLPSFSEKLSHPEDYGGGLIFTS
PRAVEAAELCLEQNNKTEVWERSLKEKWNKSVYVVG NATASLVSKIGLDTEGETCGNAEKLAEYICRESSALPLLPCG
NLKREILPKALKDKGIAMESITVYQTV AHPGIQGNLNSYYSQQGVPASITFFSPSGLTYSLKHIQELSGDNIDQIKFAAIGPTT
ARALAAQGLPV SCTAESPTPQALATGIRKALQPHGCC

纯度: > 95% by HPLC

浓度: 1.0 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.