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UROD, 1-367aa, Human, His tag, E.coli

产品货号: TP04440

第三版

别名:PCT, Uroporphyrinogen decarboxylase, UPD, URO D, URO-D

描述:UROD is the fifth enzyme in the human heme biosynthetic pathway and is responsible for the conversion of uroporphyrinogen to coproporphyrinogen through the removal of four carboxymethyl side chains. Mutations and deficiency in this enzyme are responsible for three autosomal disorders in humans: familial porphyria cutanea tarda (f-PCT), sporadic porphyria cutanea tarda (s-PCT) and hepatoerythropoietic porphyria (HEP). Recombinant human UROD 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 20% glycerol 1mM DTT, 0.1M NaCl, and 1mM EDTA.

分子量:43.0 kDa (387aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMEANGLPQGFPELKNDTFLRAAWGEETDYTPVWCMRQAGRYLPEFRETRAAQDFFS
TCRSPEACCELTLQPLRRFPLDAAIIFSDILVVPQALGMEV/TMVPKGKPSFPEPLREEQDLERLRDPEVVASELGYVFQAITLT
RQRLAGRVPLIGFAGAPWTLMTYMVEGGGSSTMAQAKRWLYQRPQASHQLLRILTALVPYLVGQVVAGAQALQLFES
HAGHLGPQLFNKFALPYIRDVAKQVKARLREAGLAPVPMIIFAKDGHFALEELAQAGYEVVGLDWTVPKKARECVGKT
VTLQVNLDPALYASEEEIGQLVKQMLDDFGPHRYIANLGHGLYPDMDPEHVGA FVDVAVHKHSRLLRQN

纯度:> 95% by HPLC

浓度:0.5 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.