

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

HMBS, 1-361aa, Human, His tag, E.coli

产品货号: TP02465

第三版

别名: Porphobilinogen deaminase, PBG-D, PBGD, PORC, UPS.

描述: Porphobilinogen deaminase, also known as HMBS, is a member of the hydroxymethylbilane synthase superfamily. It is a cytoplasmic enzyme found in the heme synthesis pathway. Deficiency of HMBS causes errors in pyrrole metabolism which in turn leads to an inherited autosomal disorder called acute intermittent porphyria (AIP) which is characterized by acute attacks of neurological dysfunctions with hypertension, tachycardia, peripheral neurologic disturbances, abdominal pain and excessive amounts of aminolevulinic acid and porphobilinogen in the urine.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

分子量: 41.9kDa (385aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSHMSGNGNAAATAEENSPKMRVIRVGTRKSQLARIQTDSVVATLKASYPGLQFEIIA
MSTTGDKILD TALSKIGEKSLFTKELEHALEKNEVDLVVHSLKDLPTVLPPGFTIGAICKRENPHDAVVFHPKFBGKTLETLP
EKSVVGTSSLRRAAQLQRKFPHFLEFRSIRGNLNTRLRKLDEQQEFSAILATAGLQRMGWHNRVGGILHPEECMYAVGQG
ALGVEVRAKDQDILDVGVLDHPETLLRCIAERAFLRHLEGGCSVPVAVHTAMKDGQLYLTGGVWVSLDGSDSIQETMQA
TIHVPAQHEDGPEDDPQLVGITARNIPRGPQLAAQNLGISLANLLLSKGAKNILDVARQLNDAH

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.