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PCBD1, 1-104aa, Human, His tag, E.coli

产品货号: TP03301

第三版

别名:Pterin-4-alpha-carbinolamine dehydratase, DCOH, PCBD, PCD, PHS.

描述:Pterin-4-alpha-carbinolamine dehydratase precursor, also known as PCBD1, is a component of the phenylalanine hydroxylase (PAH) system and participates in tetrahydrobiopterin biosynthesis. A deficiency of this enzyme leads to hyperphenylalaninemia. The enzyme regulates the homodimerization of the transcription factor hepatocyte nuclear factor 1 (HNF1).

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

分子量:14.1 kDa (124aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMAGKAHRLSAEERDQLLPNLRAVGWNELEGRDAIFKQFHFKDFNRAFQFMTRVALQA
EKLDHHPWFNVYNKVVHITLSTHECAGLSERDINLASFIEQVAVSMT

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.