

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。

HBG2, 1-147aa Human, His tag, E.coli

产品货号: TP02410

第三版

别名: Hemoglobin subunit gamma-2, TNCY

描述: Hemoglobin subunit gamma-2, also known as HBG2, belongs to the fetal hemoglobin subunit, which consists of two alpha chains together with two gamma chains. Increased fetal hemoglobin production in adults can ameliorate the clinical severity of sickle cell disease and beta-thalassemia major. Recombinant human HBG2 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 0.1M NaCl, 20% glycerol, 1mM DTT

分子量: 18.5 kDa (170aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMGHFTEEDKATITSLWGKVNVEDAGGETLGRLLVVYPWTQRFFDSFGNLSSASAI
MGNPKVKAHGKKVLTSLGDAIKHLDDLKGTFAQLSELHCDKLHVDPENFKLLGNVLVTVLAIHFGKEFTPEVQASWQK
MVTGVASALSSRYH

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.