



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。

HP, 19-347aa Human, His tag, E.coli

产品货号: TP02489

第三版

别名:Haptoglobin isoform 2 preproprotein , BP, HP2ALPHA2, HPA1S

描述:HP, as known as haptoglobin, is processed to yield both alpha and beta chains, which subsequently combine as a tetramer to produce haptoglobin. In blood plasma, haptoglobin binds free hemoglobin (Hb) released from erythrocytes with high affinity and thereby inhibits its oxidative activity. The haptoglobin-hemoglobin complex will then be removed by the reticuloendothelial system (mostly the spleen). Recombinant human HP protein, fused to His-tag at N-terminus, was expressed in E.coli

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

分子量:39.0 kDa(352aa)

序列:

MGSSHHHHHHSSGLVPRGSHMGSDSGNDVTDIADDGCPKPPEIAHGYVEHSVRYQCKNYYKLRTEGDGVYTLNNEK
QWINKAVGDKLPECEAVCGKPKNPANPVQRILGGHLDAGSFPWQAKMVSHHNLTTGATLINEQWLLTTAKNLFLNH
SENATAKDIAPTLTLYVGKKQLVEIEKVVLHPNYSQVDIGLIKQKQVSVNERVMPICLPSKDYAEVGRVGYVSGWGRNA
NFKFTDHLKYVMLPVADQDQCIRHYEGSTVPEKKTSPKSPVGVQPILNEHTFCAGMSKYQEDTCYGDAGSAFAVHDL
DTWYATGILSFDKSCAVAEYGVYVKVTSIQDWVQKTIAEN

纯度:> 95% by HPLC

浓度:0.5mg/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.