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HPX, 24-462aa Human, His tag, E.coli

产品货号: TP02499

第三版

别名:Hemopexin precursor, HX

描述: Hemopexin precursor, also known as HPX, is a serum glycoprotein that binds heme and transports it to the liver for breakdown and iron recovery, after which the free hemopexin returns to the circulation. It is expressed by the liver and is secreted in plasma. Hemopexin may play a role in the maintenance of metal ion homeostasis. HPX can also act as a toxic protease that leads to proteinuria and glomerular alterations, which are characteristics of minimal changes disease (MCD), a common cause of nephrotic syndrome. Recombinant human HPX protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

分子量: 51.7 kDa (462aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSTPLPPTSAHGNVAEGETKPPDPVTERCSDGWSFDATLDDNGTMLFFKGEFVWKS
HKWDRELISERWKNFPSPVDAAFRQGHNSVFLIKGDKVWVYPPEKKEKGYPKLLQDEFPGIPSPLDAAVECHRGECAEG
VLFFQGDREWFWDLATGTMKERSWPAVGNCSALRWLGRYYCFQGNQFLRFDVPRGEVPPRYPRDVRDYFMPCPRG
HGHRNGTGHNSTHHGPEYMRCSPHLVLSALTSNHNHGYAFSGTHYWRDLTSRDGWSWPIAHQWPQGPSAVDAA
FSWEEKLYLVQGTQVYVFLTKGGYTLVSGYPKRLEKEVGTPHGIILDSVDAAFICPGSSRLHIMAGRRLWWLDLKSGAQAT
WTELPWPHEKVDGALCMEKSLGPNSCSANGPGLYLIHGPNLYCYS DVEKLNAAKALPQPQNVTSLLGCTH

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.