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Recombinant Human Fibroblast Growth Factor 23/FGF-23 Protein(C-6His)

产品货号: TP06097

第三版

别名:Fibroblast Growth Factor 23; FGF-23; Phosphatonin; Tumor-Derived Hypophosphatemia-Inducing Factor; FGF23; HYPF

描述:Fibroblast Growth Factor 23 (FGF-23) is a secreted protein that belongs to the heparin-binding growth factors family. FGF-23 is expressed in osteogenic cells, particularly during phases of active bone remodeling. FGF family members possess broad mitogenic and cell survival activities, involved in a variety of biological processes including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth, and invasion. FGF-23 regulates homeostasis of phosphate and vitamin-D metabolism. FGF-23 inhibits renal tubular phosphate transport by reducing SLC34A1 levels, and negatively regulates osteoblast differentiation and matrix mineralization. FGF-23 also upregulates EGR1 expression in the presence of KL, acts directly on the parathyroid to decrease PTH secretion. Defects in FGF-23 are the cause of autosomal dominant hypophosphataemic rickets (ADHR).

配方:PBS

分子量:26.4 kDa

序列:Tyr25-Ile251

纯度:> 95% by HPLC

浓度:

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.