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Recombinant Human Multiple Inositol Polyphosphate Phosphatase 1/MINPP1 Protein(C-6His)

产品货号: TP04908

第三版

别名: Multiple Inositol Polyphosphate Phosphatase 1; 2,3-Bisphosphoglycerate 3-Phosphatase; 2,3-BPG Phosphatase; Inositol (1,3,4,5)-Tetrakisphosphate 3-Phosphatase; Ins(1,3,4,5)P(4) 3-Phosphatase; MINPP1; MIPP

描述: Multiple Inositol Polyphosphate Phosphatase 1/MINPP1 is an enzyme that removes 3-phosphate from inositol phosphate substrates. MINPP1 also converts 2,3 bisphosphoglycerate (2,3-BPG) to 2-phosphoglycerate. MINPP1 is synthesized as a 487 amino acid precursor that contains an 30 amino acid signal peptide and a 457 amino acid mature chain. MINPP1 is widely expressed with the highest levels found in kidney, liver and placenta. It acts as a phosphoinositide 5- and phosphoinositide 6-phosphatase and regulates cellular levels of inositol pentakisphosphate (InsP5) and inositol hexakisphosphate (InsP6). MINPP1 may play a role in bone development (endochondral ossification).

配方: PBS

分子量: 53.1 kDa

序列: Ser31-Leu487

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.