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PHPT1, 1-125aa, Human, His tag, E.coli

产品货号: TP03399

第三版

别名: 14 kDa phosphohistidine phosphatase, bA216L13.10, CGI-202, DKFZp564M173, HSPC141, PHP14, RP11-216L13.10.

描述: PHPT1 is a 125 amino acid enzyme belonging to the Janus protein family. Existing as a monomer in the cytoplasm, PHPT1 is an EDTA-insensitive phosphohistidine phosphatase. Overexpression of PHPT1 leads to specific phosphohistidine phosphatase activity towards phosphopeptide I, with no activity detected towards phosphotyrosine, phosphothreonine and phosphoserine peptides.

配方: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 2mM DTT, 10% glycerol

分子量: 15.9 kDa (145aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMAVADLALIPDVIDSDGVFKYVLIRVHSAPRSGAPAAESKEIVRGYKWAHEYHADIYDK
VSGDMQKQGCDCECLGGGRISHQSQDKIHVYGYSMAYGPAQHAISTEKIKAKYDPDYEVTWANDGY

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.