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PNPO, 57-261aa, Human, His tag, E.coli

产品货号: TP03448

第三版

别名:Pyridoxine-5'-phosphate oxidase, FLJ10535, PDXPO.

描述:PNPO, also known as pyridoxine-5'-phosphate oxidase, is the rate-limiting enzyme in vitamin B6 synthesis. Vitamin B6, or pyridoxal 5-prime-phosphate (PLP), is critical for normal cellular function, and some cancer cells have notable differences in vitamin B6 metabolism compared to their normal counterparts. Recombinant human PNPO protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl,0.1mM PMSF

分子量:25.9 kDa (226aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMDPVKQFAAWFEEAVQCPDIGEANAMCLATCTRDGKPSARMLLLKGF GKDGFRFFTN
FESRKGKELDSNPFASLVFYWEPLNRQVRVEGPVKKLP EEEAECYFHSRPKSSQIGAVVSHQSSVIPDREYLRKKNEELEQLY
QDQEVPKPKSWG GYVLYPQVMEFWQQQTNR LHDRIVFRRGLPTGDSPLGPMTHRGEEDWLYERLAP

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.