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PDXP, 1-296aa, Human, His tag, E.coli

产品货号: TP03338

第三版

**别名:**Pyridoxal phosphate phosphatase, CIN, PLP, PLPP.

**描述:**Pyridoxal phosphate phosphatase, also known as PDXP is the enzyme belongs to the family of hydrolases, specifically those acting on phosphoric monoester bonds. PDXP catalyzes the dephosphorylation of pyridoxal 5'-phosphate and exhibits a high level of expression various parts of the central nervous system, especially the brain. PDXP activity is catalyzed by haloacid dehalogenase (HAD), and it is the cofactor of both aromatic L-amino acid decarboxylase and glutamate decarboxylase.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 0.1M NaCl

**分子量:**33.8 kDa (316aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHHSSGLVPRGSHMARCERLRGAALRDVLRGAQQVLFDCDGVWNGERAVPGAPPELLERLARAGKAALFV  
SNNSRRARPELALRFARLGFGLRAEQLFSSALCAARLLRQRLPGPPDAPGAVFVLGGEGRLRAAGLRLAGDPSAGDG  
AAPRVRAVLVGYDEHFSFAKLREACAHLRDPECLLVATDRDPWHPLSDGSRTPGTGSLAAAVETASGRQALVVGKPSY  
MFECITENFSIDPARTLMVGDRLTDILFGHRCGMTTVLTLTGVSRLLEAQAYLAAGQHDLVPHYVYVESIADLTEGLED

**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.