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PDXK,1-312aa, Human, His tag, E.coli

产品货号: TP03337

第三版

别名:Pyridoxal kinase, PKH, PNK, PRED79, Pyridoxine kinase.

描述:PDXK converts vitamin B6 to pyridoxal-5-phosphate (PLP), an essential cofactor in the intermediate metabolism of amino acids and neurotransmitters. The encoded protein is cytoplasmic and probably acts as a homodimer. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. Recombinant human PDXK protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Formulation Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol

分子量:37.6 kDa (336aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMEEECRVLSIQSHVIRGYVGNRAATFPLQVLGFEIDAVNSVQFSNHTGYAHWKG
QVLNSDELQELYEGLRLNNMNKYDYVLTGYTRDKSFLAMVVDIVQELKQQNPRLVYVCDPVLGDKWDGEGSMYPED
LLPVYKEKVVPLADIITPNQFEAELLSGRKIHSQEEALRVM DMLHSMGPDVVITSSDLPSQGSNYLIVLGSQRRRNPAGS
VVMERIRMDIRKVDVAVFVGTGDLFAAMLLAWTHKHPNMLKVACEKTVSTLHHVLQRTIQCAKAQAGEGVRPSPMQLE
LRMVQSKRDIEDPEIVVQATVL

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.