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ITPK1, 1-414aa Human, His tag, E.coli

产品货号: TP02700

第三版

**别名:**Inositol-tetrakisphosphate 1-kinase, ITRPK1.

**描述:**Inositol-tetrakisphosphate 1-kinase, also known as ITPK1, is a 414 amino acid monomer that belongs to the ITPK1 family and exists as two alternatively spliced isoforms. ITPK1 is found at highest levels in brain, followed by heart, skeletal muscle, kidney, pancreas, liver, placenta and lung. ITPK1 contains one ATP-grasp domain and has been found to phosphorylate various inositol polyphosphates and modify TNF induced apoptosis.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM EDTA

**分子量:**48.1 kDa (438aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHHSSGLVPRGSHMGSHMQTFLKGGKRVGYWLSEKKIKKLNQFAELCRKRGMEVVQLNLSRPIEEQGPLD  
VIIHKLTDVILEADQNDSQSLELVHRFQEYIDAHPETIVLDPLPAIRLLDRSKSYELIRKIEAYMEDDRICSPPFMELTSKCGD  
DTMRLLKNGLTFFICKTRVAHGTSHEMAIVFNQEGLNAIQPPCVVQNFHNAVLYKVFVVGESYTVVQRPSLKNFS  
AGTSDRESIFFNHNVSKESSVLTLDKIEGVFERPSDEVIRELSRALRQALGVSLFGIDIIINNQTGQHAVIDINAFPGYEG  
VSEFFDLLNHIATVLQGGQSTAMAATGDVALLRHSKLLAEPAGGLVGERTCSASPGCCGSMGQDAPWKAEDAGGTA  
KLPHQRLGCNAGVSPSFQQHCVASLTKASSQ

**纯度:**> 95% by HPLC

**浓度:**1 mg/ml

**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.