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IP6K2, 1-426aa, Human, His tag, E.coli

产品货号: TP02683

第三版

别名: Inositol hexakisphosphate kinase 2 isoform a, IHPK2, PIuS

描述: IP6K2 also known as Inositol hexakisphosphate kinase 2, belongs to the inositol IPK family. This protein is likely responsible for the conversion of inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). It may also convert 1, 3, 4, 5, 6-pentakisphosphate (InsP5) to PP-InsP4 and affect the growth suppressive and apoptotic activities of interferon-beta in some ovarian cancers. Recombinant human IP6K2, fused to His-tag at N-terminus, was expressed in E.coli

配方: Liquid. In Tris-HCl buffer (pH 8.0) containing 10% glycerol

分子量: 51.3kDa (446aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMSPAFRAMDVEPRAKGVLLPEFVHQVGGHSCVLRFNETTLCCKPLVPREHQFYETLPAE  
MRKFTPQYKGVVSVRFEEDDRNLCLIA YPLKGDHGIVDIVDNSDCEPKSKLLRWTTNKKHHVLETEKTPKDWVRQHR  
KEEKMKSHKLEEEFEWLKKSEVLYYTVEKKNISSQLKHYNPWSMKCHQQQLQRMKENAKHRNQYKFILLENLTSRYEV  
PCVLDLKMGRTRQHGD DASEEKAANQIRKCCQSTSAVIGVRVCGMQVYQAGSGQLMFMNKYHGRKLSVQGFKEALFQF  
FHNGRYLRRELLGPVLKKTTELKAVLERQESYRFYSSLLVIYDGKERPEVVLDSDAEDLEDLSEESADESAGAYAYKPIGASS  
VDVRMIDFAHTTCRLYGEDTVVHEGQDAGYIFGLQSLIDIVTEISEESGE
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纯度: > 95% by HPLC

浓度: 0.5mg/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.