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IMPAD1, 34-359aa, Human, His tag, E.coli

产品货号: TP02658

第三版

**别名:**Inositol monophosphatase 3, GPAPP, IMP 3, IMP-3, IMPA3

**描述:**Inositol monophosphatase 3, also known as IMPAD1, is a member of the inositol monophosphatase family. IMPAD1 is localized to the Golgi apparatus and catalyzes the hydrolysis of phosphoadenosine phosphate (PAP) to adenosine monophosphate (AMP). Mutations in this gene are a cause of GRAPP type chondrodysplasia with joint dislocations, and a pseudogene of this gene is located on the long arm of chromosome 1. Recombinant human IMPAD1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2M Urea, 20% glycerol

**分子量:**37.6kDa (349aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSGRFSFLGLGGEPGGGAAGPAAAADGGTVDLREMLAVSVLAAVRGGDEVRRVRES  
NVLHEKSKGKTREGAEDKMTSGDVLSNRKMFYLLKTAFPSVQINTEEHVDAADQEVILWDHKIPEDILKEVTTTPKEVPAE  
SVTVWIDPLDATQEYTEDLRKYVTTMVCVAVNGKPMLGVIHKPFSEYTAWAMVDGGSNVKARSSYNEKTPRIVVSRSHS  
GMVKQVALQTFGNQTTIIPAGGAGYKVLALLDVPDKSQEKADLYIHVTYIKKWIDICAGNAILKALGGHMTTSLGEEISYT  
GSDGIEGGLLASIRMNHQALVRKLPDLEKTGHK

**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.