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IMPA1, 1-277aa, Human, His tag, E.coli

产品货号: TP02653

第三版

别名: Inositol monophosphatase 1, IMPA, IMP, IMPase 1

描述: IMPA1 (inositol monophosphatase1) is responsible for the provision of inositol required for synthesis of phosphatidylinositol and polyphosphoinositides. It plays a key role in the phosphatidylinositol signaling pathway by catalyzing the hydrolysis of inositol monophosphates.

配方: Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 10% Glycerol

分子量: 32.3 kDa(297aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMADPWQECMDYAVTLARQAGEVVCEAIKNE MNV MLKSSPVDLVTATDQKVEKMLIS  
SIKEKYP SHSFIGEESVAAGEKSILTDNPTWIIDPIDGTTNFVHRFPFVAVSIGFAVNKKIEFGVVYSCVEGKMYTARKGKGA  
FCNGQKLQVSQQEDITKSLLVTELGSSRTPETVRMVL SNMEKLF CIPVHGIRSVGTAAVNMCLVATGGADAYYEMGIHC  
WDVAGAGIIVTEAGGVLMDVTGGPFDLMSRRVIAANNRILAERIAKEIQVIPLQRDDED

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.