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Recombinant Human Inositol Monophosphatase 2/IMPase 2 Protein(N-6His)

产品货号: TP05812

第三版

别名: Inositol Monophosphatase 2; IMP 2; IMPase 2; Inositol-1(or 4)-Monophosphatase 2; Myo-Inositol Monophosphatase A2; IMPA2; IMP.18P

描述: Inositol monophosphatase 2, also known as Inositol-1(or 4)-monophosphatase 2, Myo-inositol monophosphatase A2 and IMPA2, is an enzyme which belongs to the inositol monophosphatase family. IMPA2 catalyzes the dephosphorylation of inositol monophosphate with cofactor Magnesium and Inhibited by high Li⁺ and restricted Mg²⁺ concentrations. IMPA2 plays an important role in phosphatidylinositol signaling. IMPA2 can use the myo-inositol monophosphates, scylloinositol 1,4-diphosphate, glucose-1-phosphate, beta-glycerophosphate, and 2'-AMP as substrates. IMPA2 is a pharmacological target for lithium Li(+) action in brain, it is considered to have a role in schizophrenia and bipolar disorder.

配方: PBS

分子量: 33.5 kDa

序列: Met 1-Lys288

纯度: > 95% by HPLC

浓度:

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.