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PTPMT1, 28-201 aa, Human, His tag E.coli

产品货号: TP03597

第三版

别名:Protein tyrosine phosphatase, mitochondrial 1, DUSP23, FLJ46081, MOSP, PLIP, PNAS-129.

描述:PTPMT1 (protein tyrosine phosphatase mitochondrial 1), also known as MOSP or PLIP (phosphoinositide lipid phosphatase) and previously known as DUSP23, is a widely expressed PTP membrane protein with high expression levels in pancreatic beta cells. This protein exclusively localizes to the matrix face of the inner membrane of the mitochondrion. It is responsible for dephosphorylating mitochondrial proteins and therefore plays a significant role in the production of ATP and secretion of insulin.

配方:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 1mM DTT, 0.15M NaCl.

分子量:22.6 kDa (199aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSHMKVPGRAHRDWHYHRIDPTVLLGALPLRSLTRQLVQDENVRGVITMNEEYETRFL
CNSSQEWKRLGVEQLRLSTVDMTGIPTLNQLQKGVQFALKYQSLGQCYYVHCKAGRSRSATMVAAYLIQVHKWSPEEA
VRAIAKIRSYIHIRPGQLDVLKEFHKQITARATKDGTFVISKT

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford)

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.