

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

MPI, 1-362aa, Human, His tag, E.coli

产品货号: TP03011

第三版

别名: Mannose-6-phosphate isomerase, PMI, PMI1.

描述: Mannose-6-phosphate isomerase, also known as MPI, belongs to the mannose-6-phosphate isomerase type 1 family, and is expressed in all tissues, more abundantly in heart, brain and skeletal muscle. Localized to the cytoplasm, MPI utilizes zinc as a cofactor and catalyzes the interconversion of fructose-6-phosphate and mannose-6-phosphate. Mutations in the MPI gene were found in patients with carbohydrate deficient glycoprotein syndrome, type Ib.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 5% glycerol

分子量: 41.9 kDa (382aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMAAPRVFPLSCAVQQYAWGKMGSNSEVARLLASSDPLAQIAEDKPYAELWMGTHPRG  
DAKILDNRISQKTLQWIAENQDSLGSVKVDTFNGLPFLFKVLSVETPLSIQAHPNKELAEKHLQAPQHYPDANHKPEM  
AIALTPFQGLCGFRPVVEIIVTFLKTAAGNNMEDIFGELLQLHQYYPGDIGCFIYFLNLLTLKPGEAMFLEANVPHAYLKG  
DCVECMACSDNTVRAGLTPKFIDVPTLCEMLSYPSSSKDRLFLPTRSQEDPYLSIYDPPVPDFTIMKTEVPGSVTEYKVLAL  
DSASILLMVQGTVIASPTTQTPIPLQRGGVLFIGNESVSLKLTPEKDLLIFRACCLL
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纯度: > 95% by HPLC

浓度: 0.5 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.