

本公司提供的电版本说明书仅供参考，实验请以收到的纸质手册为准。

PMM2, 1-246aa, Human, His tag, E.coli

产品货号: TP03442

第三版

别名: Phosphomannomutase 2, CDG1, CDG1a, CDGS

描述: PMM2, also known as Phosphomannomutase 2, belongs to the eukaryotic PMM family. PMM2 is involved in the synthesis of the GDP-mannose and dolichol-phosphate-mannose required for a number of critical mannosyl transfer reactions. It catalyzes the isomerization of mannose 6-phosphate to mannose 1-phosphate. Mutations in PMM2 are associated with Congenital disorders of glycosylation (CDG)-1a, an autosomal recessive disorder characterized by central nervous system dysfunction and multiorgan failure.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 1mM DTT, 0.1M NaCl.

分子量: 30.2 kDa (266aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMAAPGPALCLFDVDGTLTAPRQKITKEMDDFLQKLRQKIKIGVVGGSDFEKVQEQLGN
DVVEKYDYVFPENGLVAYKDGKLLCRQNIQSHLGEALIQDLINCLSYIAKIKLPKKGRTFIEFRNGMLNVSPIGRSCSQEER
IEFYELDKKENIRQKFVADLRKEFAGKGLTFSIGGQISFDVFPDGDWKRYCLRHVENDGYKTIYFFGDKTMPGGNDHEIFT
DPRTMGYSVTAPEDTRRICELLS

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.