

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

PMM1, 1-262aa, Human, His tag, E.coli

产品货号: TP03441

第三版

别名: Phosphomannomutase 1, Sec53, PMMH22.

描述: PMM1 (Phosphomannomutase 1) is an enzyme that involved in the synthesis of the GDP-mannose and dolichol-phosphate-mannose required for a number of critical mannosyl transfer reactions. This enzyme catalyzes the conversion between D-mannose 6-phosphate and D-mannose 1-phosphate which is a substrate for GDP-mannose synthesis. GDP-mannose is used for synthesis of dolichol-phosphate-mannose, which is essential for N-linked glycosylation and thus the secretion of several glycoproteins as well as for the synthesis of glycosylphosphatidyl- inositol (GPI) anchored proteins.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 2mM DTT, 100mM NaCl, 0.1mM PMSF

分子量: 31.9kDa (282aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMAVTAQAARRKERVLCFLDVDGTLTPARQKIDPEVA AFLQKLR SRVQIGVVGGSDYCKI
AEQLGDGDEVIEKFDYVFAENGT VQYKHGRLLSKQTIQNH LGEELLQDLINFCLSYMALLRLPKKRGTFIEFRNGMLNISP I
GRSCTLEERIEFSELDKKEKIREKFVEALKTEFAGKGLRFSRGGMISFDVFPEGWDKRYCLDSL DQDSFDTIHFFGNETSPGG
NDFEIFADPRTVGH SVSPQDTVQR CREIFFPETAHEA

纯度: > 95% by HPLC

浓度: 0.5mg/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.