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GFPT1, 332-699aa, Human, His tag, E.coli

产品货号: TP02231

第三版

别名: Glutamine--fructose-6-phosphate transaminase 1, CMSTA1, GFA, GFAT, GFAT 1, GFAT1, GFAT1m, GFPT, GFPT1L, MSLG

描述: GFPT1 is the first and rate-limiting enzyme of the hexosamine pathway and controls the flux of glucose into the hexosamine pathway. The product of this gene catalyzes the formation of glucosamine 6-phosphate. Recombinant human GFPT1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 50% glycerol, 2mM DTT, 2mM EDTA

分子量: 43.7kDa(391aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSQQIMKGNFSSFMQKEIFEQPEVVNTMRGRVNFDDYTVNLGGLKDHIKEIQRRCRR
LILACGTSYHAGVATRQVLEELTELPVMVELASDFLDRNTPVFRDDVCFFLSQSGETADTLMGLRYCKERGALTVGITNT
VGSSISRETDCGVHINAGPEIGVASTKAYTSQFVSLVMFALMMCDRISMQERRKEIMLGLKRLPDLIKEVLSMDDEIQKLA
TELYHQKSVLIMGRGYHYATCLEGALKIKEITYMHSEGILAGELKHGPLALVDKLMPIVIMIIIMRDHTYAKCQNALQQVVA
RQGRPVICDKEDTETIKNTKRTIKVPHSVDCDCLQGILSVIPLQLLAFHLAVLRGYDVFPRNLAKSVTVE

纯度: > 95% by HPLC

浓度: 1.0 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.